

INTERMEDIATE EDUCATION BOARD FOR IRELAND.

RULES AND SCHEDULE

CONTAINING THE

PROGRAMME OF EXAMINATIONS FOR 1918.

(PRESENTED IN PURSUANCE OF THE ACT 41 AND 42 VIC., CAP. 66,
Sec. 6, AND OF THE ACT 3 AND 4 GEO. 5, CAP. 29, Sec. 3.)

Ordered by The House of Commons to be Printed, 22nd June, 1917.

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Intermediate Education Board for Ireland.

RULES.

The Intermediate Education Board for Ireland, in pursuance and by virtue of the "Intermediate Education (Ireland) Acts, 1878 to 1913," do hereby, with the approval of HIS EXCELLENCY, IVOR CHURCHILL, BARON WIMBORNE, Lord Lieutenant-General and General Governor of Ireland, make the following Rules for the purposes of the said Acts:—

SECTION I.

General Provisions regarding the examinations.

1. Examinations in accordance with the following rules will be held in each year, between the first day of June and the first day of August, at convenient centres, which will be selected by the Board with the approval of the Lord Lieutenant. Time and place of examinations.
2. All the examinations will be conducted by printed papers, unless when otherwise directed. Examinations by printed papers.
3. Public notice will be given by the Board of the times at which the written examinations will be held.
4. There will be three Grades, viz., Junior, Middle and Senior. Grades.
In each of these Grades honours, exhibitions and prizes will be awarded.

**Examina-
tion of girls,** 5. The examination of girls will be held apart from that of boys except in cases which will be ordered by the Board.

6. The following are the subjects in which a pass and not honours may be obtained :—

The language, literature, and history of **Great Britain and Ireland** ;
Musie ;
Shorthand ;
Book-keeping ;
Manual Instruction and Practical Mathematics for Junior and Middle Grades.

7. The following are the subjects in which either pass or honours may be obtained :—

The ancient language, literature, and history of **Greece** ;
 The ancient language, literature and history of **Rome** ;
 The language, literature, and history of **France** ;
 The language, literature, and history of **Germany** ;
 The language, literature, and history of **Ireland** ;
 The language, literature, and history of **Italy** ;
 The language, literature, and history of **Spain** ;
History and Historical Geography (honour course only) ;
Arithmetic with Algebra ;
Geometry ;
Experimental Science ;
Trigonometry for Middle and Senior Grades ;
Commercial Course ;
Applied Mathematics for Middle and Senior Grades.

**The
Programme** 8. The Programme in the several subjects of examination at the examinations which shall be held subsequently to the first day of September, 1917, is set forth in the Schedule hereto.

SECTION II.

Special Regulations as to Manual Instruction and Practical Mathematics.

9. A. To pass in this subject a student must
- (a) obtain thirty per cent. of the marks allotted to the examination paper in Practical Mathematics ;
 - (b) have followed, during the educational year, the prescribed course in Manual Instruction and Practical Mathematics in an approved Intermediate School to the satisfaction of the Board's Inspector, who may test the student in such a manner as he deems necessary.
- B. To be approved, the school must satisfy the Board that the accommodation and equipment for Manual Instruction are adequate, and that the qualifications of the teachers are satisfactory. The time-table of the course of instruction must be approved by the Board, and the course must be continuous throughout the Session.

SECTION III.

Special Regulations as to Experimental Science.

10. (a) The courses included under the title of experimental science and the order in which they are to be taken are as follows :— Order of subjects.

PRELIMINARY COURSE.

For the first year :—

Experimental Science and Drawing (First Year Syllabus);

For the second year :—

Experimental Science and Drawing (Second Year Syllabus).

SPECIAL COURSES.

For the third year :—

Physics,	}	Students may take either but not both of these subjects.
Mechanics,		

Chemistry,

Botany,

Physical and Commercial Geography,

Domestic Economy and Hygiene,

Physiology and Hygiene,

Drawing.

For the fourth year:—

Physics, Course A.	} Students may take either or both of these subjects.
Physics, Course B.	
Chemistry,	
Mechanics,	
Botany,	
Physical and Commercial Geography,	
Domestic Economy and Hygiene,	
Physiology and Hygiene,	
Drawing.	

**Conditions
of pass.**

(b) To pass in experimental science, a student must obtain not less than 30 per cent. on the pass paper, or 25 per cent. on the honour paper, in the course or courses in which he presents himself, and must be certified by the Department of Agriculture and Technical Instruction for Ireland to have fulfilled the following conditions:—

(1.) To have followed the prescribed course of instruction in a school approved by the Department (see (d) *infra*).

(2.) To have been registered (on the Department's Forms) as having been in attendance at instruction in each of the prescribed subjects of the course on or before the 1st day of November.

(3.) To have obtained during the session, as a minimum:—

In a Preliminary Course one hundred hours' instruction,
including at least sixty hours' instruction in Science,
and at least twenty hours' instruction in Drawing, or
In a Special Course, at least seventy-five hours' instruction.

(4.) To have worked through the prescribed course to the satisfaction of the Department's Inspector, who may test the student in such a manner as he deems necessary.

Honours.

(c) To pass, with honours, a student must:—

(1.) Fulfil the pass conditions in the course or courses in which he presents himself;

(2.) Pass in the same course or courses a qualifying practical test by an Inspector of the Department;

(3.) Obtain not less than 50 per cent. on the honour examination paper in such course or courses.

**Conditions
of approval
of Schools.**

(d) To be approved by the Department a school must satisfy the following conditions:—

(1.) The accommodation and equipment must be adequate.

(2.) The instruction in the courses in experimental science must be under teachers whose qualifications have been recognised in writing by the Department.

(3.) The time table of the course of instruction must be approved by the Department, and the course must be continuous throughout the session.

(4.) The Inspectors must satisfy themselves that the instruction is of a class superior to that given in elementary schools.

(e) Passes in one or more of the special courses will count as passes in one or more subjects.

(f) A student may not take one of the courses for the third or fourth year in the same year with either the course for the first year or for the second year; but a student taking any fourth year course in the prescribed order may, at the same time, take any course for the third year in which he has not already passed twice.

(g) A student who has previously worked through a satisfactory course in Physics of the Third Year may take Mechanics of the Fourth Year, although he has not previously taken Mechanics of the Third Year, and a student who has previously worked through a satisfactory course in Mechanics of the Third Year may take Physics (Course B) of the Fourth Year, although he has not previously taken Physics of the Third Year. With these exceptions no student may take a subject of the Fourth Year who has not previously worked through a satisfactory course in the Third Year Syllabus of that subject.

(h) A student may obtain a pass or honours in a course of any year twice, but only twice. No student can obtain a pass or honours in any course lower than that in which he has already passed.

SECTION IV.

Special Regulations for the examination in Music.

II. (a) The examination will include both theory and practice.

(b) No student who has not been certified by the examiners to have passed the practical examination is eligible for the examination in theory. The maximum of marks assigned to the practical test will bear to the maximum of marks assigned to the examination in theory the proportion of five to three.

Relation between two parts of examination.

Latitude
allowed in
selecting
Grades.

(c) For the practical test students may take the course for any Grade not lower than one in which they have already passed in music, but for the theoretical examination they must take the course prescribed for the grade in which they present themselves for the general examination.

Conditions
of a pass.

(d) No student will be adjudged to have passed in music who shall not have obtained at least 30 per cent. of the marks allotted to the practical test, and 30 per cent. of the marks allotted to the theoretical part of the examination.

(e) In the practical test the examiners may question the students as to their general knowledge of music.

(f) Scales and arpeggios are to be played from memory, and as quickly as is consistent with accuracy.

(g) In the practical test no person but the student under examination shall be allowed in the room with the examiners.

SECTION V.

Special Regulations for the examination in the Commercial Course.

12. The Courses included under the title of Commercial Course are as follows :—

JUNIOR GRADE.

Pass.

- (a) Commercial Geography.
- (b) Book-keeping.
- (c) Précis, copying from MSS., and elementary Business Methods.
- (d) Shorthand.

To obtain a pass, students must obtain 30 per cent. in each of three of these Courses.

Honours.

- (a) Outlines of Industrial History and Commercial Geography.
- (b) Book-keeping.
- (c) Précis, copying from MSS., and Business Methods.

Students must obtain 25 per cent. in each of the three Courses, and to obtain honours must, in addition, obtain 50 per cent. on the aggregate.

MIDDLE GRADE.

Pass.

- (a) Industrial History and Commercial Geography.
- (b) Précis, copying from MSS., and Business Methods.
- (c) Book-keeping.
- (d) Shorthand.

Students must obtain 30 per cent. in each of the Courses (a), (b), and (c).

Honours.

More difficult questions on the pass course in (a), (b), and (c.)

Students must obtain 25 per cent. in each of the three Courses, and to obtain honours must, in addition, obtain 50 per cent. on the aggregate.

SENIOR GRADE.

Pass.

- (a) Industrial History and Commercial Geography.
- (b) Business Methods.
- (c) Book-keeping.
- (d) Shorthand.
- (e) Elements of Economics.

Students must obtain 30 per cent. in each of the Courses (a) and (b), and in one other Course.

Honours.

More difficult questions on the pass course in (a), (b), (c), and (e.)

Students may take only three of these Courses.

Students must obtain 25 per cent. in each of any three of these Courses, and to obtain honours must, in addition, obtain 50 per cent. on the aggregate of those Courses.

The details of these Courses for each Grade are set forth in the programme of examinations.

A student taking Book-keeping or Shorthand, for the purpose of a pass in the Commercial Course, shall not count them as additional subjects.

SECTION VI.

Students not eligible for examination.

Students ineligible for examination in any Grade.

13. A student will be ineligible for examination in any grade
- (a) who has not pursued a course of study in Ireland for the full period of the educational year preceding the date of examination ;
 - (b) who is a matriculated student of a university on the first day of the examination, or who has passed the matriculation examination of any University before that date ;
 - (c) the 14th anniversary of whose birth occurs after the 1st day of June of the year of the examination ;
 - (d) the 19th anniversary of whose birth occurs before the 1st day of June of the year of the examination.

Students ineligible for examination in particular Grades.

14. A student will be ineligible for examination in a Grade lower than one in which he has already passed.

SECTION VII.

Notices and declarations to be sent in by students, and by managers ; and other matters preliminary to the examinations.

Students' January Notices.

2s. 6d. stamp.

15. Students intending to present themselves for examination shall send, in the prescribed form, notice of their intention, together with satisfactory evidence of age. The notice shall specify the grade and the subjects in which, and the centre at which, the student proposes to present himself, and shall be stamped with an Intermediate Education Stamp of 2s. 6d.

Such notice and evidence must reach the Office not later than the last day of January.

Notices and evidence will be accepted if accompanied by an additional late fee of 7s. 6d., provided they reach the Office not later than the last day of February.

If the notice or evidence does not reach the Office on or before the last day of February the student will not be allowed to present himself for examination.

The examination of the student will be limited to the subjects specified in his notice, subject to the provisions of Rule 86.

16. The notices of students intending to present themselves for **Music** examination in music must be accompanied by an extra fee of 10/6.

17. The Board will accept as satisfactory evidence of age a **Evidence of Age** certified extract from a public register of births, or if such certified extract cannot be obtained, a statutory declaration from a parent or guardian, stating, in the prescribed form, the date of birth, and also specifying—

- (a) declarant's means of knowledge of the date of birth as so stated, and
- (b) the reasons on account of which a certified extract from a public register of births cannot be obtained.

Candidates are warned that the following, which have frequently been offered, will not be accepted as evidence of age :—

- (a) Baptismal Certificates ;
- (b) Certificates of Registry of Birth ;
- (c) Certified extracts from public registers of birth issued under :—
 - (1) The Factory and Workshop Act, 1901 ; or
 - (2) The Irish Education Act, 1892 ; or
 - (3) The Friendly Societies' Act, 1896 ; or
 - (4) The National Health Insurance Act.

18. Candidates for a Burke Memorial Prize shall send to the Board, **Burke Memorial Prizes** in the prescribed form, the particulars necessary to show that they are entitled to compete.

Subject to the exception in the next following rule, such forms must reach the Office not later than the 31st day of March.

19. A candidate whose father becomes entitled after the 31st day of March to such salary or pension as qualifies his children to compete for these prizes may send these particulars in the prescribed form at any time provided that the forms reach the Office before the first day of the examinations.

Examination No. 20. Each student will be assigned a number by which alone he shall be known in the subsequent written examination.

Admission Card. 21. No student will be admitted to the examination without an admission card.

Such admission card will not be issued unless a declaration, under Rule 22 or 23, as to a course of study, shall have been received in the case of each student.

May Declaration for Schools. 22. Each manager shall, after the 1st day of May, send to the Board, in the prescribed form, a declaration signed by him, stating the names of the students upon the roll of his school who have pursued their studies in his school during the educational year then current. Such declaration must reach the Office not later than the 21st day of May.

School Grant shall not be paid in respect of any student whose name does not appear on the declaration furnished from the school whose manager claims the grant.

May Declaration for students not on a school roll. 23. A student whose name is not included in the declaration of a manager under the last preceding rule shall, after the 1st day of May, send to the Board, in the prescribed form, a declaration, made by himself, and certified as correct by his parent or guardian, that he has pursued his studies in Ireland during the educational year then current.

Such declaration must reach the Office not later than the 21st day of May.

Such declarations received after the 21st day of May will be accepted if accompanied by a late fee of 2s. 6d. provided they reach the Office on or before the first day of the examination.

If such declarations do not reach the office on or before the first day of the examination, the student will not be allowed to present himself for examination.

SECTION VIII.

Conduct of students during the examination.

Rules for direction of students. 24. Each student presenting himself for examination in geometry is required to bring with him compasses, set squares and a ruler graduated in inches and tenths of an inch and in centimetres.

25. A student shall not bring into the examination room, or have in his possession, or under his control, or within reach, whilst he is in such room

- (a) any book or paper (save his admission card, the examination paper, and such answer books as shall have been supplied to him by the superintendent); or
- (b) any slate, memorandum or notes.

26. A student shall not, while in the examination room,

- (a) use, or attempt to use, any book, memorandum, notes, or paper (save the examination paper and such answer books as shall have been supplied to him by the superintendent); or
- (b) aid, or attempt to aid, another student; or
- (c) obtain, or attempt to obtain, aid from another student; or
- (d) communicate, or attempt to communicate, in any way with another student.

Any student found by the superintendent violating this rule or Rule 25 will be expelled from the examination room, and will not be permitted to return to it during the continuance of the examination in the subject in which the examination papers shall have been then distributed.

27. A student

- (a) shall not write on the examination paper or admission card, or on any of the mathematical instruments brought with him;
- (b) shall not write in his answer book anything that is not directly connected with the subject-matter of the questions to be answered;
- (c) shall not remove from the answer books, any leaf, or part of a leaf;
- (d) shall not take out, or attempt to take out, of the examination room, any answer books, whether used or unused;
- (e) shall not damage the examination room or its furniture;
- (f) shall, immediately after he has concluded his answers, deliver his answer books, whether used or unused, enclosed in an envelope endorsed with his examination number, and also his examination paper (except at the close of the period allotted for the examination, to the superintendent, and shall then leave the examination room; and
- (g) shall, in all matters relative to the examination, submit to, and obey, the directions of the superintendent.

Penalty for Violation of Rules.

28. Any student adjudged by the Board to have violated any of the Rules 25, 26, or 27 will be liable to be deprived of the examination or of marks, or to have such deduction made, as the Board may think fit, from any sum payable in respect of any prize or exhibition obtained by him, according to the judgment the Board may form of the gravity of the offence ; and the Board may, if they think fit, publish his name and address, as given in his notice of intention to present himself for examination, as those of a student who has been so deprived.

SECTION IX.**Conditions of passing the examination in particular subjects.****Pass.**

29. Except as provided by Rules 9, 10, 11 and 12, the minimum number of marks on which a student may pass the examination in any subject shall be :—

- (a) on the pass questions in any subject, 30 per cent. of the marks allotted to such questions ;
- (b) on the honour questions in Algebra, Geometry, Trigonometry, and Applied Mathematics, 20 per cent. of the marks allotted to such questions ;
- (c) on the honour questions in any subject other than those mentioned above in 29 (b), 25 per cent. of the marks allotted to such questions.

Special conditions for certain subjects.

30. The marks on which a student may pass must include—

- (a) in English at least 20 per cent. of the marks allotted to English Composition ;
- (b) in Greek, Latin, French, German, Irish, Italian, or Spanish, at least 20 per cent. of the marks allotted in any of these languages to Composition in that language ;
- (c) in Arithmetic with Algebra, at least 30 per cent. of the marks allotted to Arithmetic, and either (1) 30 per cent. of those allotted to the pass questions in Algebra ; or (2) 20 per cent. of those allotted to the honour questions in Algebra.

31. No student shall take pass and honour papers in the same subject.

SECTION X.**Subjects to be taken.****Conditions of passing the examination.**

32. In all Grades, students may present themselves in any

number of subjects in excess of those required for a pass, but, except as provided in Rule 33, to pass the examination they must pass in :—

(A)—English.

(B)—For boys—

In the Junior Grade, Arithmetic with Algebra and Geometry, and in the Middle and Senior Grades Arithmetic with Algebra and either Geometry or Trigonometry.

For Girls—

Arithmetic with Algebra.

(C)—One language other than English.

(D)—For Boys—Two other subjects, except in the case where either Latin or Greek is the language in C, in which case one other subject will be sufficient.

The subjects taken in (D) must not include Book-keeping or Shorthand as separate subjects, or Music or more than one Science subject.

33. In all Grades, girls will be deemed to have passed the examination if—
- (a) they pass in English ;
 - (b) obtain honours in at least one subject ; and
 - (c) pass in the honour papers in at least two other subjects.
- Students passing under this Rule, though eligible for a pass with honours, are not eligible for medals, exhibitions or prizes.

**Special
Provision
Pass
Examina-
tion, Girls.**

SECTION XI.

Honours, medals, exhibitions, and prizes.

34. To obtain honours in any honour subject, students must obtain 50 per cent. on the honour paper in that subject, except in the mathematical subjects, in which 35 per cent. will be sufficient.

35. No student will be awarded honours in Greek, Latin, French, German, Irish, Italian, or Spanish, who shall not have obtained at least 40 per cent. of the marks assigned in any of these languages to Composition in that language.

36. A student will be adjudged to have passed the examination with honours who has passed the examination, and has obtained honours in at least three subjects.

**Pass with
Honours.**

Exhibitions. 37. Exhibitions tenable for one year and prizes may be awarded on the results of the examination in accordance with the following rules.

Classes of Exhibitions. 38. The Exhibitions will be of two classes :—
 Those of the first class will be of the value :—
 in the Junior Grade of £15 ;
 in the Middle Grade of £20 ; and
 in the Senior Grade of £30.
 Those of the second class will be of the value :—
 in the Junior Grade of £10 ;
 in the Middle Grade of £15 ; and
 in the Senior Grade of £20.

Prizes. 39. The prizes shall consist of books, philosophical apparatus, or other objects useful for educational purposes, of the respective values of £3, £2, and £1.

40. Separate awards of Exhibitions and Prizes will be made in each of the following groups of subjects :—

Groups for Exhibitions. GROUP A. (1) English, (2) Latin, (3) Greek.
 GROUP B. (1) English, and any two of the following, (2) French, (3) German, (4) Irish, (5) Latin, (6) Spanish, (7) Italian.
 GROUP C. (1) English, and
 For Junior Grade—
 (2) Arithmetic with Algebra, (3) Geometry ;
 For Middle and Senior Grades—
 (2) Arithmetic with Algebra, (3) Geometry, (4) Trigonometry.
 GROUP D. (1) English, and
 For Junior Grade, two of the following :—
 (2) One of the Courses in Experimental Science, (3) Commercial Course, (4) Geometry, (5) Arithmetic with Algebra ; one, at least, being either (2) or (3).
 For Middle and Senior Grades, two of the following :—
 (2) Applied Mathematics or one of the Special Courses in Physics, Chemistry, Mechanics, Physical and Commercial Geography ; or (for girls) in Botany or Domestic Economy and Hygiene, (3) Commercial Course, (4) Arithmetic with Algebra, (5) Geometry, (6) Trigonometry—one, at least, being either (2) or (3).

41. To each subject 400 marks shall be allotted, except in Group C, for the Middle and Senior Grades, in which 400 marks shall be allotted to English and 800 to the Mathematical subjects, of which marks one-third shall be allotted to Arithmetic with Algebra, one-third to Geometry, and one-third to Trigonometry.

The marks for awards shall be reckoned as follows :—

- (a) In English, the excess gained over 50 per cent.
- (b) In Greek, Latin, and the Mathematical subjects, the excess gained over 20 per cent.
- (c) In other subjects, the excess gained over 25 per cent.

Marks counting for Exhibitions.

42. (a) A student will be ineligible for prizes, medals, or exhibitions whose age on the first day of June preceding the examination shall exceed :—

Students ineligible by age for prizes and exhibitions.

16 years in the case of Junior Grade students.

17 " " " Middle Grade "

18 " " " Senior Grade "

(b) A student will be ineligible for prizes, medals, or exhibitions in a grade in which he has already been awarded an exhibition.

(c) Marks in a course cannot count towards an exhibition if marks in the same course have been counted towards an exhibition obtained in a previous year.

43. To be eligible for awards in any group, students—

Eligibility for Awards.

- (a) must pass the examination;
- (b) must obtain honours in each subject of the group other than English ;
- (c) must obtain honours in one other subject ;
- (d) must be within the ages specified in Rule 42 ;
- (e) of the marks obtainable under Rule 41, must, except as provided in Rule 44, have obtained—
 - for an exhibition of the first class, not less than 500 marks ;
 - for an exhibition of the second class, not less than 400 marks ;
 - for a £3 prize, not less than 375 marks ;
 - for a £2 prize, not less than 350 marks ;
 - for a £1 prize, not less than 325 marks

Prizes and exhibitions will not necessarily be awarded to all students qualified under this and the following Rule.

44. For girls taking the subjects of Group A, or C., the minimum will be

for an exhibition of the first class, 375 marks;
 for an exhibition of the second class, 300 marks;
 for a £3 prize, 285 marks;
 for a £2 prize, 270 marks; and
 for a £1 prize, 250 marks.

45. Subject to the provisions of Rules 46 and 47, the number of exhibitions allotted to each of the Groups set forth in Rule 40 will be as follows:—

For Boys.

Senior Grade, 4 first and 6 second class.
 Middle Grade, 6 first and 8 second class.
 Junior Grade, 10 first and 15 second class.

For Girls.

Senior Grade, 2 first and 4 second class.
 Middle Grade, 4 first and 6 second class.
 Junior Grade, 6 first and 8 second class.

46. Should the number of students qualifying for exhibitions in any group of any grade exceed the number of exhibitions allotted to such group under Rule 45, the Board may at their discretion increase the number of such exhibitions:—

- (a) by assigning to such group exhibitions for which there are not qualified candidates in any other group; or
- (b) by adding further exhibitions, provided always that the increase in the number of exhibitions in any group shall not exceed one-fifth of the total number of exhibitions assigned to such group under Rule 45.

47. Additional exhibitions may be awarded in a course if two or more students obtain equal marks.

**Exhibitions
mode of
application.**

48. The amount of any exhibition, instead of being paid to the student, shall be paid to his parent or guardian, who shall sign an undertaking that the amount of the exhibition shall be spent either in the payment of any sums due to the manager of a school for the student's education and maintenance during the educational year in respect of which the exhibition was obtained, or for the future educational advancement or interest of the student.

49. A student who has obtained an exhibition shall send to the Board an undertaking, in the prescribed form, signed by his parent or guardian, that the amount of the exhibition will be spent as required in the preceding rule. Such undertaking must reach the Office on or before the 1st day of October following the examination. If the form of undertaking does not reach the Office on or before that day the student's right to the exhibition shall lapse, unless the Board shall otherwise direct, and in lieu thereof the student shall receive a prize of £3.

**Statement
of intention**

50. In case distinguished merit has been shown, bronze medals may be awarded to students in the Junior, Middle, and Senior Grades, respectively, who, having passed the examination otherwise than under Rule 33, have obtained the highest marks—

Medals

- (1) in English;
in the honour papers
- (2) in Greek ;
- (3) in Latin ;
- (4) in History and Historical Geography ;
- (5) in each modern language ;
- (6) in Arithmetic with Algebra ;
- (7) in Geometry ;
- (8) in Trigonometry ;
- (9) in each Experimental Science Course ;
- (10) in the Commercial Course ;
- (11) in Applied Mathematics.

51. More than one medal may be awarded in a subject if two or more students obtain equal marks.

**Case of
equality of
marks.**

SECTION XII.

Special Prizes.

52. Provided sufficient merit be shown, prizes in books, philosophical apparatus, or other objects useful for educational purposes may be awarded to students, in the Junior, Middle, and Senior Grades, who shall have passed the examination otherwise than under Rule 33, and shall have obtained the highest marks in English Composition, or in Composition in any of the following languages :—

**Prizes for
Composition.**

Greek, Latin, French, German, Irish, Italian, or Spanish.

Such prizes will be each of the value of :—

- £4 in the Senior Grade ;
- £3 in the Middle Grade ; and
- £2 in the Junior Grade.

Prizes to be subject to approval of Board. 53. All books, philosophical apparatus, or other objects useful for educational purposes, selected as prizes, will be subject to the approval of the Board.

SECTION XIII.

Certificates.

Certificates of passing. 54. Certificates will be issued to all students who have passed the examination; such certificates will specify the subjects in which the students have passed, or have obtained honours.

Certificate for Music. 55. "Pass" certificates and certificates of a "Pass with distinction" will be issued to students successful at the examination in music, provided they have passed the general examination. To obtain the certificate of a "Pass with distinction" marked proficiency must be shown, and students must present themselves for the practical examination in a programme not lower than that of the Grade in which they enter for the general examination.

No student will be awarded a certificate of a "Pass with distinction" who has not obtained at least 75 per cent. of the marks for the practical test and 50 per cent. of the marks for theory.

SECTION XIV.

School Grant.

Conditions to be observed by managers of schools. 56A. The school grant will be paid to managers of schools who, in addition to observing the other rules of the Board, shall have complied with the following conditions, viz. :—

Inspection. (a) Each manager of a school shall, when required by the Board, sign a consent, in the prescribed form, to have his school inspected, and shall permit his school to be inspected accordingly, and shall furnish to the Board or its inspectors the information which the Board shall deem needful for carrying out this inspection.

May Declaration (b) He shall, within due time, sign the declaration prescribed by Rule 22, in the case of each pupil in respect of whom he intends to claim the school grant.

(c) He shall send to the Board, in the prescribed form, in duplicate, his claim for such grant. This claim must reach the Office not later than the 15th day of October next after the examinations in respect of which the school grant may be claimed. **Claim before 15th October.**

(d) He shall send in the prescribed form, in duplicate, a timetable of the work in his school. These forms must reach the office not later than the first day of October.

56B. Payment of school grant, including payment of fees dependent on the results of inspection of schools, may be withheld:

(a) if the manager shall fail to satisfy the Board, either by the report of the Board's inspector, or by the production of such other evidence as the Board may require, that the school is provided with such accommodation for its pupils as the Board shall consider sufficient ;

(b) if the manager shall fail to satisfy the Board on the like evidence that the school is provided with sanitary arrangements and exercise ground which the Board shall consider sufficient ;

(c) if the manager shall be adjudged by the Board to have wilfully published any confidential information supplied to him by the Board.

57. The manager shall keep, during the school year, the attendance book furnished by the Board, and shall produce the same when called upon. He shall enter in it the names of all students in his school between the ages of 12 and 19 years, with the dates of their attendances. **Attendance Book.**

The marking, in accordance with the regulations made by the Board, of the attendance book, must be completed before the end of the attendance on each day.

Attendance on any day shall mean that the pupil shall be present in the school for not less than three hours, under instruction in some of the subjects included in the Board's programme, or, in the case of pupils between the ages of 12 and 14, in an approved course of study, unless in special cases it shall be otherwise determined by the Board. Provided that on a day which is a school half-holiday attendance for not less than two hours shall suffice.

The attendance book shall be returned to the Board immediately after the last day on which attendances are marked, and in no case must it reach the Office later than the 15th day of September.

In respect
of whom
the School
Grant
payable.

100 Attend-
ances.

58. The pupils in respect of whom the school grant shall be payable will be those only who shall have attended the school from the 1st day of October next preceding the examinations, and shall each have made at least one hundred attendances, calculated in accordance with Rule 57, at that school, during the period from that date to the 31st day of May following, not more than one attendance being counted for each day

In case of an epidemic the Board may, if they think proper, accept a less number of attendances than 100.

School
Grant.

59. The School Grant will consist of :—

- (a) A capitation grant which will be made to the manager of every school for each student subject to the preceding rule who shall have passed the examination. The amount of this capitation grant will depend on the Grade and will be in such proportion for the several Grades respectively as the Board shall decide.
- (b) The capitation grant will be increased in the case of honour students by such a percentage as the Board shall decide.
- (c) No capitation grant shall be paid in respect of the same student in the same Grade in more years than one, unless in the year next after that in which he first passed he shall have risen from a pass to a pass with honours. In this case there shall be payable only the excess of the grant payable for such pass with honours over the grant payable for a pass in the same year.
- (d) If upon the Reports of the Inspectors the Board shall be of opinion that a school is of more than average efficiency and that it deserves to be recognized in a special manner they may, if they think fit, give a bonus of such amount as may be determined by the Board but not exceeding twenty per cent. of the whole amount payable to the school under the preceding heads of this rule.

In considering the grant of a bonus and the amount thereof the Board shall have regard to :—

- (a) the efficiency of the teaching especially in subjects which cannot be adequately tested by written examination ;
- (b) the sufficiency of the teaching staff ;
- (c) the sanitary condition of the school ;
- (d) the provision made for the recreation and physical exercise of the pupils and the reasonableness of the arrangements as to school hours and general school work ;
- (e) where natural and experimental sciences are taught, the use of proper equipment and appliances for the practical teaching of these sciences.

SECTION XV.

Bonus for Choirs and Orchestras.

60. With a view to encourage Choral Singing and Orchestral Music **Bonus.**
in Intermediate Schools, the Board shall have power to grant bonuses to the schools which present for examination a choir or orchestra which shall acquit itself to the satisfaction of the examiners.

61. Such choir or orchestra must be composed exclusively of students **Ages for**
under nineteen years of age actually attending the school, not merely **choirs and**
for instruction in music. The number of students on any choir list **orchestras.**
must not exceed 150.

62. In determining the amount of bonus payable in respect of a choir or orchestra the following points will be taken into consideration :—

- (a) the excellence of the performance ;
- (b) the number of students presented for examination ; and
- (c) in the case of choirs—
the number of parts in which the sight-test is performed.

63. In the calculation of the bonus for choirs and orchestras **Students**
account will be taken only of the students— **in respect**
of whom
bonus is
payable.

- (a) whose ages on the 1st day of June of the year of the examination in music are over twelve and under nineteen years ;
- (b) whose names appear on the prescribed January forms for choirs and orchestras ;

- (c) who have been present at the examination ; and
- (d) who have made at least 100 attendances, calculated in accordance with Rule 57, during the educational year, no attendances being counted before the pupil attains the age of twelve years.

In case of an epidemic the Board may, if they think proper, accept a less number of attendances than 100.

64. A school may present more than one choir or orchestra for examination, but no student may enter in more than one choir or in more than one orchestra.

**Maximum
bonus.**

65. The total bonus payable to a school for choir-singing or orchestral music may not exceed £80 in any case.

**Pieces to be
performed.**

66. The examination of choirs and orchestras shall include the performance of:—

(a) a piece or pieces selected by themselves which must not have been performed by them for the examination of the preceding year; and

(b) a piece or pieces selected by the examiners, to be performed without previous preparation. Choirs may take this piece in either the Tonic Sol-fa Notation or the ordinary stave, but a higher percentage of marks will be awarded to choirs taking the stave.

Choirs will be required to perform, in addition, two pieces prescribed by the Board.

67. Choir-singing is to be unaccompanied, and under no circumstances shall anyone take part in the performance of a choir or orchestra whose name is not on the list of such choir or orchestra submitted to the Board.

68. In choir-singing and orchestral music the examiners may question the students as to their general knowledge of music.

Notice.

69. Managers of schools who desire to present a choir or orchestra for examination shall give notice of their intention in the prescribed form, and submit duplicate lists of the names of the pupils composing such choir or orchestra, with a programme of the music they intend to perform, stating the parts in which the pieces will be performed by the choir, and the system of notation adopted.

These forms and lists must be accompanied by a fee (by postal or post office order, or cheque) of £1 is. for each choir or orchestra and the statutory declaration as to age under Rule 70, and must reach the office on or before the last day of January.

70. A statutory declaration of the ages of the students in a choir or orchestra must be sent to the Board. Such declaration must reach the Office on or before the last day of January. **Evidence of age for choirs and orchestras.**

71. Claims for bonuses for choir-singing or orchestral music must be made upon the prescribed forms, which will be forwarded, on application to the Office, to managers of schools during the month of September. Such claims, together with any other particulars that may be required, must reach the Office on or before the 15th day of October.

SECTION XVI.

Advances to Managers.

72. The Board may, at their discretion, advance money to managers of schools upon approved security, to enable them to provide proper equipment and appliances for the teaching of practical science, and for similar purposes to be approved by the Board, and may agree to accept repayment of the money so advanced and interest by instalments. **Purpose of Advances.**

73. The Board, when they consider it just and expedient so to do, may stipulate with the manager of a school presenting pupils for examination in the natural and experimental sciences, that a certain portion of the school grant which shall thereafter become payable in respect of education in such school shall be applied in the provision of proper equipment and appliances for the practical teaching of these sciences in such school. **Stipulation as to School Grant.**

74. When such a stipulation has been made with the manager applying for an advance, the Board may agree with such manager that the amount of any instalment which shall accrue due on foot of the advance shall be deducted from the portion of the school grant for any future year which, by virtue of such stipulation, shall be **Repayment of Advance**

applicable to the provision of the equipment and appliances in the last preceding rule mentioned, and in such case the Board may, notwithstanding any change in the managership of the school, deduct the amount of such instalment from such portion of the school grant for the future years.

Security.

75. An agreement under the last preceding rule for the repayment of an advance by instalments out of the portion of the school grant stipulated to be applied as mentioned in Rule 73, either by itself or together with such personal or other collateral security as the Board may, under all the circumstances of the case, think fit to require, may be approved by the Board, and when so approved shall be deemed to be approved security within the meaning of Rule 72, and of the Recommendations contained in the General Summary of the Report of the Commission mentioned in the Intermediate Education (Ireland) Act (1900).

SECTION XVII.**Finance.**

76. All sums of money payable under the Intermediate Education (Ireland) Acts, 1878 to 1913, or under these or any future rules, and the expenses of carrying the Acts into execution shall be paid out of the moneys of the Board generally.

SECTION XVIII.**General Powers.****Power to extend time.**

77. Subject to the restrictions contained in the next following section the Board may by order, either general or special, extend the time appointed by these rules for doing any act or class of acts, and such order shall be valid, although made after the time appointed for doing such act shall have expired. In any such case the Board may impose such penalty as they shall determine.

Publication of Results.

78. The Board may publish such particulars of the results of their examinations and such other information relating thereto as they may think fit.

Decision of Board final upon title to exhibitions, &c.

79. The decision of the Board upon the title to exhibitions, prizes, medals, and school grants, upon the amounts of exhibitions, prizes, school grants, and bonuses, upon the mode of application of exhibitions, upon the manner of keeping the attendance book, furnished by the Board, upon the equipment and appliances necessary to be

provided for the teaching of practical science and for similar purposes, upon the amounts necessary to be advanced therefor, upon or in relation to the character of and approval of the security therefor, and upon any question which may arise upon the construction of their rules, shall be final and conclusive.

SECTION XIX.

Special Powers of the Board in cases of unforeseen difficulties, accidents or breaches of rules.

80. In case of the occurrence of accidents or irregularities, or under other special circumstances, the Board may order a second examination to be held at such centre or centres as they shall think fit, in any portion of the matter of examination; and the marks obtained at such second examination will, for all intents and purposes, be regarded as if they had been obtained at the first examination, unless the Board, when ordering the second examination to be held, shall otherwise direct.

Power of Board to order a second examination.

81. In case a student, through any mistake, shall not be awarded the marks to which he is entitled on his answering, the Board may amend the award of the examiners in accordance with the facts, and adjudge such student to have passed, or to have passed with honours, or to have obtained an exhibition, a prize, or a medal, if he shall be entitled thereto by his marks as amended.

Power to amend awards of examiners.

82. If the Board shall be of opinion that irregularities or malpractices have occurred at any centre, and from the nature or extent thereof shall come to the conclusion that the authorities or teachers of any school are to blame in the matter, they shall have power to direct that such school shall not be entitled to receive any school grant for such period as they may determine.

Power to disallow school grant in case of irregularities.

83. Should any list of students, claim, declaration, or other prescribed form or fee, furnished by a manager, other than those prescribed in Rule 15, fail to reach the Office on or before the date prescribed, the Board may, in their discretion, permit the list, claim, declaration, form or fee, to be received after that date; but the school grant which may become payable to such manager will be reduced by such sum not less than £1 as the Board may direct.

84. Should a manager omit from any list of students, claim, declaration, or other prescribed form the name of any student whose name might have been included therein, the Board, if satisfied of the sufficiency of the cause stated in explanation of the omission, may, in their discretion, permit the list, claim, declaration, or other prescribed form, to be amended by adding thereto the name or names. A sum of not less than 2s. 6d. for each name so omitted shall be deducted from the school grant which may become payable to such manager.

85. In case a manager furnishes to the Board an incorrect declaration, or fails to carry out any scheme for the expenditure of moneys granted by the Board in the manner and for the purpose sanctioned by the Board, or fails to keep, or to keep in a manner satisfactory to the Board, the attendance book prescribed in Rule 57, the Board may make such deduction from the amount of the school grant that may be payable to the manager, as the Board may deem a sufficient penalty in the case.

86. Should a notice under Rule 15 omit to state or state erroneously any material particular the Board may allow such notice to be amended within such time as they may determine, subject to a penalty of five shillings.

SECTION XX.

Regulations with regard to payment of fees dependent on the results of inspection of students between the ages of 12 and 14.

87. With a view to ascertaining the degrees of efficiency shown in Intermediate Schools in the education of pupils under the age of fourteen and not under the age of twelve years, the Board shall during the year ending 31st July (hereinafter called the School year), cause inspection to be made of each Intermediate School, the manager of which consents, in manner prescribed by these Rules, to have such inspection made.

88. Payment shall be made to managers of schools in respect of such year of fees dependent on the results of such inspection.

89. The Board shall set apart, in respect of each year, for the payment of fees to managers of schools, dependent on the results of inspection of pupils under the age of fourteen and not under the age of twelve years, such sum as the Board may determine, not exceeding one-sixth of the total amount available in respect of that year for the payment of fees to managers of schools.

90. Payment of fees shall depend upon the following conditions:—

(a) A Grant, hereinafter called the "Inspection Grant," shall be paid in respect of the year to the manager of each school who signs, in the prescribed form, a consent to have his school inspected, and satisfies the Board that the school is an Intermediate School.

(b) The form of consent shall be accompanied by a syllabus in duplicate of the year's work of pupils attending the school who are under the age of fourteen and not under the age of twelve years.

The form of consent and the syllabus must reach the Office on or before the date on which the first entry of attendance of such pupils is made in the Attendance Book and not later than 1st October.

(c) The Grant payable to the manager of each school shall be determined by the Board upon the result of inspection made by Inspectors of the Board, and having regard to the following matters:—

(1) the degree of efficiency^{*} shown in the education of pupils;

(2) the number of pupils receiving such education and

(3) the attendance of such pupils during the school year.

(d) The efficiency of the instruction given shall be measured according to a standard to be determined by the Board, and hereinafter called the "Normal Standard." Schools shall be divided into three classes: (a) those which reach the normal standard, (b) those which do not reach the normal standard, and (c) those unworthy of classification. The rate of grant, so far as same depends upon efficiency, shall, for schools belonging to class (a) be 20 per cent. in excess of the rate of the grants for schools belonging to class (b). Schools belonging to class (c) shall receive no Inspection Grant.

- (e) In case any pupil shall during the year give notice of intention to present for any examination of the Board in respect of which "School Grant" (as defined by Rule 59) is payable, his attendances shall not be taken into account in estimating the amount of the Inspection Grant.
- (f) The manager of each school shall make application to the Board, in the prescribed form, for payment of the Inspection Grant. Each such application shall be accompanied by evidence of age (as defined by Rule 17) in the case of each pupil whose attendances are to be taken into account in estimating the amount of the Inspection Grant.

Such applications and evidence of age must reach the Office not later than 15th September.

91. (a) Should a manager omit to send to the Board, so as to reach the Office on or before the date prescribed by the Rules in this Section, any list of students, claim, declaration, or other prescribed form (other than evidence of age) mentioned above, the Board may, in their discretion, permit the list, claim, declaration or form to be received after that date; but the Inspection Grant under these rules which may become payable to such manager will be reduced by the sum of £1.
- (b) Should a manager omit from any list of students, claim, declaration, or other prescribed form mentioned in this Section, the name of any student whose name might have been included therein, the Board if satisfied of the sufficiency of the cause stated in explanation of the omission, may, in their discretion, permit the list, claim, declaration, or other prescribed form to be amended by adding thereto the name or names so omitted. A sum of two shillings and sixpence for each name so omitted shall be deducted from the Inspection Grant which may become payable to such manager.
- (c) Should a manager omit to send, so as to reach the Office on or before the date prescribed, any evidence of age required by Rule 90 (f) the Board may in their discretion permit the evidence to be received after that date, but the Inspection Grant under these rules which may become payable

to such manager will be reduced by the sum of two shillings and sixpence in respect of each pupil whose evidence of age is received after the prescribed date.

92. The decision of the Board as to the title to or amount of the Inspection Grant payable to any manager shall be final and conclusive.

93. The Rules in this Section shall be construed with the Rules in the foregoing Sections.

SECTION XXI.

Non-compliance by the Board with Rules.

94. Non-compliance by the Board with these rules shall not render void any of their acts.

SECTION XXII.

Definitions.

95. The following expressions in the rules are thus defined:—

“Department” means the Department of Agriculture and other Industries and Technical Instruction in Ireland and for other purposes connected therewith; **Definitions**

“educational year” means the period beginning on the 1st day of October in any year and ending on the 31st day of May in the succeeding year.

“experimental science” means the various courses specified in Rule 10 (a);

“honour subject” means any subject within Rule 7;

“honour student” means any student who passes the examination with honours (Rule 36);

“manager” means manager of a school;

“prescribed form” means such form as may, from time to time, be prescribed by the Board;

“school” means any educational institution (not being a National School) affording classical or scientific education in any grade, and having at least seven students, eligible as regards age to enter for the Board’s examinations in the Junior, Middle or Senior

Grade, who shall have attended such institution from the 1st day of October, and each of whom shall have made at least one hundred attendances at that institution within the educational year immediately preceding the examinations.

"student" includes girl as well as boy; and pronouns in the masculine gender include the corresponding pronouns in the feminine gender;

"subject" means any subject of examination in the programme.

SECTION XXIII.

Commencement of Rules.

96. The foregoing Rules will come into operation on the 1st day of August, 1917, but will not apply to anything in relation to the examinations which shall have been previously held or to anything in relation to the School year ending 31st July, 1917. All prior rules inconsistent with any of these Rules shall be revoked from the time when these Rules, respectively, shall come into operation.

SCHEDULE

Containing the Programme of Examinations.

PRELIMINARY NOTES APPLICABLE TO ALL PARTS OF THIS SCHEDULE.

1. The Board do not, as a rule, recommend any particular text books. By "School Text" is meant some edition of the works referred to, which has been prepared for school use. The Board do not approve of the use of vocabularies where dictionaries are available.

2. In marking answer books regard will be had to spelling, handwriting, and the general neatness of the answers.

3. The pass examination papers will be such as may be answered by a student of average capacity, fairly well taught.

4. In the literary examinations special credit will be given for style.

5. Knowledge of the various languages, including English, may be tested by questions in parsing, analysis, paraphrasing, prosody, pronunciation, and literature.

6. The passages for translation at sight will be chosen approximately within the range of the vocabulary of the authors where prescribed.

7. In the case of modern languages questions will be set and answers required expressed in the language which is the subject of examination.

8. In all honour papers in modern languages in the Junior Grade knowledge of the books prescribed for Pass shall be tested, not by passages for translation, but by questions to be answered in the language which is the subject of examination.

9. In the case of sufficient merit in Greek or Latin verse composition, additional marks may be awarded not exceeding 80 marks in each language. Full marks, however, may be obtained in Greek and Latin without verse composition.

10. In the selection of subjects for English composition regard will be had in each grade to the prescribed course in English for that grade, as set forth under the heads of Literature, Outlines of History, Geography.

In assigning marks to English composition, account will be taken of the use by the student of the materials for treatment and illustration which can be derived from the prescribed course in English for his grade.

The examiners have instructions to withhold marks in the cases of compositions which are irrelevant.

11. Separate papers will be set in arithmetic and in algebra. The same paper in arithmetic will be set in each grade for both pass and honours.

12. The pass and honour questions in Mathematical subjects will be printed on the same paper. Some questions common to both the pass and honour papers may be set. Pass candidates will obtain credit for answers to honour questions, but honour candidates will obtain credit only for answers to the honour questions.

Junior Grade.

GREEK.

Pass

Percentage
of Marks.

1. **XENOPHON : Anabasis**, Book IV. Selections, viz.,
chaps. 2, 3, 4, and 6 ; chap. 7. secs. 19-27
(inclusive) ; chap. 8, secs. 25-28 (inclusive). 30
2. Short sentences for translation from English into
Greek, the Greek for the more difficult words being
supplied. 30
3. A passage or passages from some other Greek work or
works for translation at sight, the meaning of the more
difficult words being given. 30
4. Greek history prior to 479 B.C. 10

Honours

1. More difficult questions on the Pass course : more
difficult passages and sentences for translation.
2. **EURIPIDES : Hercules Furens**. Selections, viz.,
lines 1-106, 140-347, 451-636, 701-754,
816-874 (inclusive).
- A short passage of English for translation into Greek
iambics.

LATIN.

Pass

1. **CÆSAR : De Bello Gallico**, Book IV. chaps. 20-38,
and Book V. chaps. 1-33 (both inclusive);
- OVID : Fasti**,

Book I.	543-578.	Ecce boves . . plangit humum.	
Book II.	83-116.	Quod mare . . mulcet aras.	
„	491-512.	Est locus . . paterna dies.	
„	685-720.	Nunc mihi . . procubuisse pede.	
Book III.	735-760.	Liba deo . . ora luto.	
„	815-834.	Pallada nunc . amica meis.	
Book IV.	417-454.	Exigit ipse . . nuda manus.	
„	807-852.	Ipsa locus . . adempte, vale.	30
2. Short sentences for translation from English into Latin,
the Latin for the more difficult words being supplied. 30
3. A passage or passages from some other Latin work
or works for translation at sight. 30
4. Roman history from 390 B.C. to 202 B.C. 10

Percentage
of Marks.**Honours**

1. More difficult questions on the Pass course: more difficult passages and sentences for translation.

2. **VIRGIL: Bucolics** IV. lines 1-39.
 X. " 9-34.
 Georgics, IV. " 387-527.
 Æneid, Book, V. " 104-248, 286-339, 362-472.
 " " VI. " 440-476, 494-547, 628-702,
 788-900.

A short passage of easy English for translation into Latin elegiacs or hexameters.

ENGLISH.

- | | |
|-------------------------|----|
| 1. English Composition. | 40 |
| 2. Literature. | 30 |

- FERGUSON:** The Burial of King Cormac.
GOLDSMITH: The Deserted Village.
GRAY: Ode on a Distant Prospect of Eton College; The Progress of Poesy.
SCOTT: Lochinvar; Rosabelle.
TENNYSON: As Through the Land at Eve we Went; Sweet and Low; The Splendour Falls; Tears, Idle Tears; Home they Brought her Warrior Dead (all from the Princess). The Lady of Shalott.
WORDSWORTH: The Solitary Reaper; Lines Composed above Tintern Abbey.
SCOTT: Quentin Durward.

A knowledge of the metre of the prescribed poems will be expected.

3. Outlines of History:

Ireland and Great Britain from A.D. 1485 to A.D. 1603.

4. Geography:

- | | | |
|--|---|----|
| (a) Definitions illustrated by topography of the school neighbourhood. | } | 30 |
| (b) Ireland and Great Britain in detail. | | |
| (c) The European Region. | | |
| (d) The geography of Eastern France and the bordering regions. | | |

For general private reading: Course to be submitted by the school, and approved by the Board.

HISTORY AND HISTORICAL GEOGRAPHY.**Honours Course only**

1. (a) General History of Ireland and Great Britain, and of Europe in relation to them, A.D. 1485 to A.D. 1603, including Historical Geography relative to this course.

(b) Period for special study; A.D. 1558 to A.D. 1603, including Historical Geography relative to this course.

60

2. The progress of geographical discovery, 1485-1603.

10

FRENCH.**Pass**

1. **MALOT: Remi et ses Amis**, Chaps. 1-3 (inclusive) (from Sans Famille, pt. I., chaps. 19-21).

25

Questions in French to be answered in French.

20

2. A passage or passages from some other French work or works for translation at sight.

20

3. Short sentences, colloquial phrases, and a passage for translation from English into French.

35

Honours

1. More difficult questions on the Pass course: more difficult passages for translation.

2. Easy free composition.

3. **SANDEAU: Mlle. de la Seiglière.**

GERMAN.**Pass**

1. **EBNER-ESCHENBACH: Krambambuli.**

25

Questions in German to be answered in German.

20

2. A passage or passages from some other German work or works, as well as a passage in German handwriting, for translation at sight.

20

3. Short sentences, colloquial phrases, and a passage for translation from English into German.

35

Students will not be required to write their answers in German handwriting.

Honours

1. More difficult questions on the Pass course: more difficult passages for translation.

2. Easy Free Composition.

3. **GERSTÄCKER: Herrn Mahlhubers Reiseabenteuer** (School Text).

IRISH.**Pass**

1. **O'DOYLE : Cléibhin Móna**, omitting the play entitled *Ar lorg Poitín*. 25
Questions in Irish to be answered in Irish. 20
2. A passage or passages from some other Irish work or works for translation at sight. 20
3. Short sentences, colloquial phrases, and a passage for translation from English into Irish. 35

Honours

1. More difficult questions on the Pass course: more difficult passages for translation.
2. Easy free composition.
3. **SHEEHAN : Cnó Coille Craobhaighe** (to end of *Mac Rí Easpáinne*).

ITALIAN.**Pass**

1. **CAPUANA : Il Drago and La prima Sigaretta**. 25
Questions in Italian to be answered in Italian. 20
2. A passage or passages from some other Italian work or works for translation at sight. 20
3. Short sentences, colloquial phrases, and a passage for translation from English into Italian. 35

Honours

1. More difficult questions on the Pass course: more difficult passages for translation.
2. Easy free composition.
3. **TASSO : Gerusalemme Liberata, Canto I.**

SPANISH**Pass**

1. **OLIVIERI : Select Spanish Stories. Nos. 107-118** (incl. *sive*). 25
Questions in Spanish to be answered in Spanish. 20
2. A passage or passages from some other Spanish work or works for translation at sight. 20
3. Short sentences, colloquial phrases, and a passage for translation from English into Spanish. 35

Honours

1. More difficult questions on the Pass course: more difficult passages for translation.
2. Easy free composition.
3. **F. CABALLERO : La Gaviota ; parte primera.**

BOOK KEEPING.

Single and double entry ; definitions of the terms used, form and purposes of the various books employed ; recording of business transactions ; posting, balancing, and closing the ledger ; balance sheets.

ARITHMETIC WITH ALGEBRA.**Pass**

ARITHMETIC.—The first four rules, simple and compound ; reduction, including metric system ; unitary method in proportion ; vulgar fractions ; decimals ; practice ; simple and compound interest ; square root ; percentages ; averages and mixtures ; calculation of rectangular areas and rectangular volumes. Graphical solutions of problems and interpretation of given graphs may be required.

50

The use of Algebraic symbols and methods is permitted.

ALGEBRA.—Symbolical expressions and easy equations ; addition, subtraction, multiplication, and division of algebraic integers ; graphical representation of algebraic expressions and easy problems thereon ; resolution into factors ; H.C.F. ; L.C.M. ; algebraic fractions ; simple equations in one unknown quantity, and problems thereon.

50

Honours

ARITHMETIC.—Pass course.

30

ALGEBRA.—Pass course. Simple equations involving two unknown quantities ; problems soluble by such equations ; quadratic equations in a single unknown quantity ; problems soluble by such equations ; indices ; surds ; Remainder Theorem and applications.

70

GEOMETRY.**Pass**

A knowledge of Geometry approximately equivalent to that contained in Euclid, Books I. and II. Deductions.

Honours

An amount of knowledge approximately equivalent to that contained in Euclid, Books I., II., and III. Deductions.

SHORTHAND.

An easy passage will be dictated at the rate of 40 words a minute (ten minutes' test). Any system of shorthand may be used.

EXPERIMENTAL SCIENCE.

The courses in the various subjects enumerated in Rule 10 (a) are contained in the Syllabuses published by the Department of Agriculture and Technical Instruction for Ireland, and are as follows :—

- Form S. 280. Preliminary (two year) course in Experimental Science
 Form S. 281. Special Course in Physics.
 Form S. 282. Special Course in Chemistry.
 Form S. 283. Special Course in Mechanics.
 Form S. 284. Special Course in Botany.
 Form S. 285. Special Course in Physiology and Hygiene.
 Form S. 286. Special Course in Physical and Commercial Geography.
 Form S. 287. Preliminary and Special Courses in Drawing.
 Form S. 288. Special Course in Domestic Economy and Hygiene.

These Syllabuses may be obtained, on application, from the Secretary, Department of Agriculture and Technical Instruction for Ireland, Upper Merrion Street, Dublin.

MUSIC.

The editions mentioned in the Programme are for purposes of identification only.

(A) COURSE FOR THE PRACTICAL EXAMINATION.**(1) For particular instruments.****PIANO.**

Exercises :—Schmitt : *Preparatory Exercises for Piano*. Nos. 34 to 64.

Scales :—All the major scales. All the minor scales in harmonic form. Hands separate and together. Compass, 2 octaves.

Arpeggios :—All the major and minor common chords in close position. Hands separate and together. Compass, 2 octaves.

Studies :—Orlando Morgan. *Introductory Studies* (Nos. 2 and 9.) Ashdown, or Loeschorn. *Progressive Studies* Op. 65 (Nos. 17 and 18.) B. F. Wood.

Pieces :—(a) Little Preludes, No. 9 in F. J. S. Bach.

(b) Scherzo in E. Gurlitt.

or as an alternative :—

(a) Presto from Sonata in F. Haydn.

(b) Sonatina (1st movement only). Hubert Bath. Ashdown.

VIOLIN.

Scales :—Major and melodic minor scales of G, A, B flat, B natural, C, D. Compass, 2 octaves, (a) detached, (b) slurred in eights.

Arpeggios :—Arpeggios of above scales. Compass, 2 octaves, detached.

Studies :—Kummer. 43 Easy Studies. Op. 60. Ed. by W. Henley (Nos. 24 and 29.) J. Williams.

Pieces :—(a) William Henley. "Solitude." Ricordi.

(b) William Henley. "Berceuse." Ricordi; or as an alternative :—
"Idyl," Beethoven, adapted by Adolph Daubert (Evans & Co.).

VIOLONCELLO.

Scales :—Major scales of D, A, F. Minor scales (harmonic form) of A, D, G. Compass, 2 octaves, (a) detached, (b) slurred in fours.

Arpeggios :—The common chords of the above scales. Compass, 2 octaves, (a) detached, (b) slurred in threes.

Studies :—Lee, Op. 126. Book I., Nos. 3, 8, 11, 14, 17 and 22, both parts (Augener, 7767).

Pieces :—(a) "Constancy," H. MacCunn (Boosey & Co.), (b) "Lullaby," E. Claude (J. Williams).

HARP.

Scales :—All the major scales, with hands separate and hands together, one octave apart. Compass, 2 octaves.

Arpeggios :—Arpeggios of major scales, with hands separate and hands together, one octave apart. Compass, 2 octaves.

Studies :—Bochsa, *Pupil's Companion*, Book 2 (Ashdown), Nos. 19 and 20.

Pieces :—Alvar, *Romances*, Book 4 (Hutchings and Romer), Nos. 20 and 23.

(2) For all Students.

Reading at Sight :—To play at sight easy passages.

Ear Test :—From C (middle) or G (2nd line treble) as tonics, to recognise any note within the major octave scale, above.

(B) COURSE FOR THE EXAMINATION IN THEORY.

Harmony :—A knowledge of triads in their relation to key. Normal 8-bar sentence. Cadences. Chord progressions. In addition, the laws of part-writing. Inversion of triads. Figuring for triads and their inversions.

COMMERCIAL COURSE. ELEMENTARY BUSINESS METHODS. SYLLABUS.

Pass

Inward and outward Correspondence. Postal arrangements. Telegraphs and telephones. Business letter writing. Office books and business forms. (As dealt with in Pitman's Business Training, or some similar Manual.)

Honours

The Pass course, and in addition—Means of transit, Railways and canals. Forwarding goods by rail. Channels of commerce (routes, etc.). Custom and Excise duties. Imports and exports. The world's currencies. Banks and banking. (As dealt with in Pitman's Business Training, or some similar Manual.)

COMMERCIAL GEOGRAPHY.

SYLLABUS.

Pass

The position, configuration and climate of the different parts of the British Islands and their influence on :—

1. The distribution of population and of the employments of the people.
2. The various productions, mineral, vegetable, and animal.
3. Manufactures, their localisation and economic effects.
4. Imports and exports: their nature, origin and destination.
5. Trade routes: their direction and most important freights. The linking up of the principal ports with manufacturing centres and with each other.
6. The food supply.
7. Communication by railroad and canal.

Honours

A more advanced knowledge of the subjects of the Pass Course.

OUTLINES OF INDUSTRIAL HISTORY.

Honours only

Industrial History of Ireland and England from 1250 to 1603, covering the following :—

Internal trade and trade between Ireland, England, and the Continent. Guilds. Results of the Black Death. Migration of artisans. Staple towns. Tillage and sheep-farming. Corn growing. Labourers' wages. Poor relief. Convertible husbandry. Enclosures. Economic results of the dissolution of the monasteries. Patents and monopolies. Formation of companies. Restoration of the currency. Development of shipping.

MANUAL INSTRUCTION AND PRACTICAL MATHEMATICS.

PRACTICAL MATHEMATICS.

The Questions set will be of a practical nature involving a knowledge of:—

Rough arithmetical estimates.
 Approximations and contracted methods.
 Averages. Absolute and Percentage error.
 Calculation of areas of rectangles, parallelograms, triangles, circles, and composite figures derived from these.

Study of *Solids* from models: Cube, Prisms (various), Pyramids, Sphere, Cylinder and Cone. Linear measurements of the above solids and their relations, nature and area of their surfaces and easy sections (except curved surfaces of sphere and cone).

Accurate Geometrical Drawings of plans, elevations and easy sections of above solids.

Linear vernier scales.

Approximations to irregular areas: Areas taken from Plans and Maps.

Field Measurement by Pacing and by Chaining: estimation and calculation of ground areas.

Volumes of cube, prisms, and cylinder, and of composite solids derived from these.

Arithmetical calculations on volume, mass and density (British and Metric Systems).

Questions may be set involving a knowledge of the work done in the Manual Instruction Course.

MANUAL INSTRUCTION.

NOTE.—*A drawing of each exercise, full size or to scale, must be made before any bench work in connection therewith is attempted.*

Setting-out, sawing, gauging, planing, chiselling, simple inlaying, filing and boring; and the working of such exercises or "joints" as the following:—

1. Sawing at 90° .
2. Sawing at 60° .
3. Gauging and sawing.
4. Sawing and paring.
5. Planing, sawing, and paring.
6. Planing, sawing at two angles, paring.
7. Planing square prism.
8. Planing, sawing, and inlaying.
9. Simple model, using mallet.
10. Planing an octagon ruler.
- 10A. Planing, filing, and glasspapering a round ruler.
11. Housing joint.
12. Application of housing joint (simple bracket box)
13. Boring and chamfering exercise.
14. Lapped halving joint.
15. Application of lapped halving joint.

The courses in Manual Instruction and Practical Mathematics should be co-ordinated by a series of woodwork exercises of the nature of those suggested in a separate pamphlet issued by the Board.

Middle Grade.

GREEK.

Pass

Percentage
of Marks.

1. **EURIPIDES** : Hercules Furens. Selections, viz.,
lines 1-106, 140-347 451-636, 701-754,
816-874 (inclusive);

THUCYDIDES : Book VII., Marchant's selections
from. (Athenian Disaster in Sicily.)

- | | |
|--|----|
| 2. Short passages from other Greek works for translation at sight. | 30 |
| 3. An English passage or passages for translation into Greek. | 30 |
| 4. Outlines of Greek history, from 479 B.C. to 404 B.C. | 10 |

Honours

- | | |
|--|----|
| 1. Passages from Greek authors for translation into English. | 50 |
| 2. A passage of English prose for translation into Greek. | 40 |
| 3. Greek history, from 479 to 404 B.C., and outlines of Greek Literature within that period. | 10 |
| A passage of English verse for translation into Greek iambs. | |

LATIN.

Pass

1. **VIRGIL** : *Bucolics*, IV. lines 1-39.
 " X. " 9-34.
 Georgics, IV. " 387-527.
 Æneid Book, V. " 104-248, 286-339, 362-472.
 " " VI. " 440-476, 494-547, 628-702,
 788-900.

CICERO : *Second Philippic*. 30

- | | |
|--|----|
| 2. Short passages from other Latin works for translation at sight. | 30 |
| 3. An English passage or passages for translation into Latin. | 30 |
| 4. Outlines of Roman history, from 202 B.C. to 91 B.C. | 10 |

Honours

- | | |
|---|----|
| 1. Passages from Latin authors for translation into English. | 50 |
| 2. A passage of English prose for translation into Latin. | 40 |
| 3. Outlines of Roman history from 202 B.C. to 91 B.C. | 10 |
| A passage of English verse for translation into Latin elegiacs or hexameters. | |

ENGLISH.

- | | |
|---|--|
| 1. English Composition. | 45 |
| 2. Literature. | 30 |
| SHAKESPEARE : Henry IV., Part I. | |
| MILTON : | II Penseroso. |
| SHELLEY : | Ode to the West Wind ; The Cloud ; The Skylark ; Arethusa. |
| KEATS : | Ode to a Nightingale ; Ode to Autumn. |
| THACKERAY : | English Humourists. |
| 3. Outlines of History : | |
| Europe, with special reference to Ireland, Great Britain, and France, A.D. 1603 to A.D. 1748. | 30 |
| 4. Geography : | |
| (a) General Geography of Asia and Africa. | |
| (b) The British Empire in Asia and Africa, in more detail. | |
| (c) The Geography of North Italy and the bordering regions, and of the Balkan Peninsula. | |
| 5. For general private reading : Course to be submitted by the school, and approved by the Board. | |

HISTORY AND HISTORICAL GEOGRAPHY.**Honours Course only**

- | | |
|---|----|
| 1. (a) General history of Europe, with special reference to Ireland, Great Britain, and France, A.D. 1603 to A.D. 1748, including Historical Geography relative to this course. | 90 |
| (b) Period for special study, A.D. 1625 to A.D. 1691, including Historical Geography relative to this course. | |
| 2. The progress of geographical discovery and colonisation, A.D. 1603 to A.D. 1715. | 10 |

FRENCH.**Pass**

- | | |
|---|----|
| 1. DAUDET : <i>La belle Nivernaise</i> (School Edition) ; | 20 |
| SANDEAU : <i>Mlle. de la Seiglière</i> . | |
| Questions in French to be answered in French. | 20 |
| 2. A passage or passages from some other French work or works for translation at sight. | 20 |
| 3. Easy free composition. | 20 |
| 4. Colloquial phrases and a passage of English for translation into French. | 20 |

Honours

- | | |
|---|----|
| 1. Passages from French authors for translation into English. | 50 |
| 2. (a) Colloquial phrases and a passage of English for translation into French. | 25 |
| (b) Free composition in French. | 25 |

GERMAN.**Pass**

- | | |
|---|----|
| 1. GERSTÄCKER : Herrn Mahlhubers Reiseabenteuer ;
SCHILLER : Poems, viz. : Ritter Toggenburg, Der Ring des Polycrates, Die Kraniche des Ibycus, Die Bürgschaft, Der Graf von Habsburg, Der Handschuh, Der Kampf mit dem Drachen. | 20 |
| Questions in German to be answered in German | 20 |
| 2. A passage or passages from some other German work or works for translation at sight. | 20 |
| 3. Easy free composition. | 20 |
| 4. Colloquial phrases and a passage of English for translation into German. | 20 |
| Students will not be required to write their answers in German handwriting. | |

Honours

- | | |
|---|----|
| 1. Passages from German authors for translation into English. | 50 |
| 2. (a) Colloquial phrases and a passage of English for translation into German. | 25 |
| (b) Free composition in German. | 25 |

IRISH.**Pass**

- | | |
|--|----|
| 1. SHEEHAN : Cnó Coille Craobhaighe, to end of Mac Rí Easpáinne ;
O'LEARY : Lughaidh Mac Con. | 20 |
| Questions in Irish to be answered in Irish. | 20 |
| 2. A passage or passages from some other Irish work or works for translation at sight. | 20 |
| 3. Easy free composition. | 20 |
| 4. Colloquial phrases and a passage of English for translation into Irish. | 20 |

Honours

- | | |
|--|----|
| 1. Passages from Irish works for translation into English. | 50 |
| 2. (a) Colloquial phrases and a passage of English for translation into Irish. | 25 |
| (b) Free composition in Irish. | 25 |

ITALIAN.**Pass**

1. **CARCANO : Memorie d'un Fanciullo : Il Capellano della Rovella ;**
TASSO : Gerusalemme Liberata, Canto I. 20
 Questions in Italian to be answered in Italian. 20
2. A passage or passages from some other Italian work or works for translation at sight. 20
3. Easy free composition. 20
4. Colloquial phrases and a passage of English for translation into Italian. 20

Honours

1. Passages from Italian authors for translation into English. 50
2. (a) Colloquial phrases and a passage of English for translation into Italian. 25
- (b) Free composition in Italian. 25

SPANISH.**Pass**

1. **F. CABALLERO : La Gaviota : parte primera ;**
TAMAYO Y BAUS : Lo Positivo. 20
 Questions in Spanish to be answered in Spanish. 20
2. A passage or passages from some other Spanish work or works for translation at sight. 20
3. Easy free composition. 20
4. Colloquial phrases and a passage of English for translation into Spanish. 20

Honours

1. Passages from Spanish authors for translation into English. 50
2. (a) Colloquial phrases and a passage of English for translation into Spanish. 25
- (b) Free composition in Spanish. 25

BOOK-KEEPING.

Junior Grade course, and, in addition, a knowledge of the following subjects :—Stocktaking ; treatment of and provision for bad and doubtful debts ; correction of errors ; adjustment entries ; partnership transactions ; dealings in stocks and shares ; transactions in connection with exports and imports ; bills and entries in regard thereto.

ARITHMETIC WITH ALGEBRA.**Pass**

Junior Grade Pass course, and in addition :—

ARITHMETIC.—Profit and loss ; the use of logarithms. Books of tables (to four places) will be supplied at the examination.

Graphical solutions of problems and interpretation of given graphs may be required.

The use of algebraic symbols and methods is permitted.

50

ALGEBRA.—Simple equations involving two or more unknown quantities and problems thereon ; quadratic equations in a single unknown quantity and easy problems soluble by such equations ; elementary theory of indices and logarithms.

50

Honours

ARITHMETIC.—Pass course.

30

ALGEBRA.—Pass course : Junior Grade Honour course ; simultaneous equations, in two variables involving solution of simple or quadratic equations ; theory of quadratic equations ; imaginary quantities ; arithmetical and geometrical progressions ; logarithms ; partial fractions.

70

GEOMETRY.**Pass**

An amount of geometrical knowledge approximately equivalent to that contained in Euclid, Books I., II., and III. Deductions.

Honours

An amount of knowledge will be expected approximately equivalent to that contained in Euclid, Books I., II., III., IV., and VI., and the definitions of Book V. Deductions.

Students may be required to give algebraical proofs of those properties of proportional magnitudes on which the establishment of the propositions of Euclid, Book VI., depends.

TRIGONOMETRY.**Pass**

General definitions of the trigonometrical functions ; elementary identities ; determination of the numerical

values of the trigonometrical functions of 30° and 45° and their multiples; solution of right-angled triangles; rule of sines, formula for the cosine of an angle of a triangle in terms of the sides, and easy questions on the solution of triangles dependent thereon; use of logarithmic and trigonometrical tables. Books of tables (to four places) will be supplied at the examination.

Honours

Trigonometry, up to and including the solution of plane triangles. Questions may be set involving the use of logarithmic and trigonometrical tables. Books of tables (to four places) will be supplied at the examinations.

APPLIED MATHEMATICS.

In some simple questions candidates may be required to use graphical methods. Candidates should bring graduated rulers and protractors.

Pass

Speed. Velocities—average, true, relative. Composition and resolution of velocities (graphically and by calculation). Change of velocity (direction and magnitude). Average rate of change of velocity and of momentum. Acceleration (composition and resolution). Uniform acceleration. Newton's Laws of Motion. Composition and resolution of forces (graphically and by calculation). Gravity. Equilibrium of forces. Parallel forces. Rectangular resolution of forces. Inclined plane. Centre of gravity.

Honours

Pass course and in addition :—

Problems on projectiles without reference to the form of the actual path. Motion of bodies connected by a string. Motion on inclined planes. Conservation of Momentum. Direct collision of inelastic bodies.

Moments. Elementary notions of couples. Conditions of equilibrium of a system of plane forces. Lever, pulleys, screws, common balance, wheel and axle.

SHORTHAND.

A passage will be dictated at the rate of 60 words a minute (ten minutes' test). Any system of shorthand may be used.

EXPERIMENTAL SCIENCE.

The course in the various subjects enumerated in Rule 10 (a) are contained in the Syllabuses published by the Department of Agriculture and Technical Instruction for Ireland, and are as follows :—

- Form S. 280. Preliminary (two year) course in Experimental Science.
 Form S. 281. Special Course in Physics.
 Form S. 282. Special Course in Chemistry.
 Form S. 283. Special Course in Mechanics.
 Form S. 284. Special Course in Botany.
 Form S. 285. Special Course in Physiology and Hygiene.
 Form S. 286. Special Course in Physical and Commercial Geography.
 Form S. 287. Preliminary and Special Courses in Drawing.
 Form S. 288. Special Course in Domestic Economy and Hygiene.

These Syllabuses may be obtained, on application, from the Secretary, Department of Agriculture and Technical Instruction for Ireland, Upper Merrion Street, Dublin.

MUSIC.

The editions mentioned in this Programme are for purposes of identification only.

(A) COURSE FOR THE PRACTICAL EXAMINATION.**(1) For particular instruments.****PIANO.**

Exercises :—Schmitt : *Preparatory Exercises for Piano*, Nos. 120 to 160

Scales :—All the major scales. All the minor scales in harmonic form. Chromatic scales beginning on any key note. Hands separate and together. Compass, 3 octaves.

Arpeggios :—All the major and minor common chords in extended position. Hands separate and together. Compass, 3 octaves.

Studies :—Heller, Op. 47, Nos. 1 and 8 ;
 or Franklin Taylor. *Progressive Studies*. Book II., Nos. 3 and 5. (Novello).

Pieces :—(a) Bach's *Invention in F*, High School Ed., Book I., No. 8 *Inventions*. (J. Williams). (b) *Pastorale in A*, Sterndale Bennett ;

or as an alternative :—

(a) *Toccata in A*, Paradies.

(b) *Tarantelle in E minor*, Heller,

VIOLIN.

Scales :—All major, harmonic, and melodic minor scales. Compass, 2 octaves, (a) detached, (b) slurred in eights.

Arpeggios :—Arpeggios of major and minor common chords. Compass, 2 octaves, (a) detached, (b) slurred in threes.

Studies :—Any two studies from Mazas, Studies, Book I., Op. 36.

Pieces :—Dancla, Melodies. Nos. 10 and 12. Gallet (Novello); or as an alternative :—(a) W. Whittaker "Chanson du Printemps" (Stainer and Bell), (b) Coleridge-Taylor. Valse Bohémienne (No. 1 of 4 Characteristic Waltzes) (Novello).

VIOLONCELLO.

Scales :—Major scales of D, A, F, B flat. Minor scales (harmonic form) of A, G, C, E. Compass, 2 octaves, (a) detached, (b) slurred in fours.

Arpeggios :—The common chords of the above scales. Compass, 2 octaves, (a) detached, (b) slurred in threes.

Studies :—Squire "Easy Exercises, Nos. 8 and 11." (Augener 7780).

Pieces :—(a) Mendelssohn, *Romances sans Paroles* (Novello). (b) F. Bridge. "Cradle Song." (Goodwin and Tabb); T. F. Dunhill, "Bourrée." Op. 33. No. 2. (Stainer and Bell).

HARP.

Scales :—Major and harmonic minor scales, with hands separate and hands together, one octave apart. Compass, 3 octaves.

Arpeggios :—Arpeggios of major and minor scales, with hands separate and hands together, one octave apart. Compass, 3 octaves.

Studies :—Bochsa, *Pupil's Companion*, Book 3 (Ashdown), Nos. 26 and 28.

Pieces :—(a) John Thomas, *The Tear* (Hutchings and Romer). (b) *Una furtiva lagrima*, from *L'Elisir D'Amore*, arranged by John Thomas (Hutchings and Romer).

(2) For all Students.

Reading at Sight :—An easy piece or a song accompaniment (omit song accompaniment for violin and 'cello).

Ear Test :—To recognise and name any note of chromatic scale, with middle C as tonic, within compass of octave above or below.

(B) COURSE FOR THE EXAMINATION IN THEORY.

Harmony :—Junior Grade course. In addition, the chord of the dominant 7th and its inversions Cadential $\frac{7}{b}$, passing $\frac{7}{b}$. A given figured bass or 8-bar melody to test knowledge of the foregoing.

MANUAL INSTRUCTION AND PRACTICAL MATHEMATICS.

PRACTICAL MATHEMATICS

The Questions set will be of a practical nature involving a knowledge of:—

Junior Grade Course, and, in addition:—

Use of slide rule.

Areas of curved surfaces of cone, sphere.

Elementary geometry of sphere.

Use of Simpson's Rule for irregular plane areas.

Volumes of cones, pyramids, and sphere.

Practical determination of heights and distances by shadows and by Clinometer measurements.

Angular Vernier scales.

Triangulation by plane table and by simplified Theodolite.

Map construction and map reading (including knowledge of Ordnance symbols).

Contours, hachures and sections.

(In all parts of the Course mensuration may be carried out by a free use of accurate large scale drawings.)

Questions may be set involving a knowledge of the work done in the Manual Instruction Course.

MANUAL INSTRUCTION.

NOTE.—*A drawing of each exercise, full size or to scale, must be made before any bench work in connection therewith is attempted.*

1. Exercise or model, introducing bow-saw and spokeshave.
2. Angle halving joint (using screws).
3. Boring and shooting exercise.
4. Letter rack.
5. Mortise and tenon joint.
6. Application of joint (bar and pegs, simple framing).
7. Model shield.
8. Lapped halving joint on edge.
9. Oxford frame.
10. Straight edge (shooting exercise).
11. Mat, with glued joints.
12. Bench hook.
13. Parquetry mat.
14. Bridle joint.
15. Dovetail joint.
16. Application of joint (kite or fishing reel).
17. Gouging exercise.
18. Gouged pen tray.
19. Set square with bevelled edges.

The courses in Manual Instruction and Practical Mathematics should be co-ordinated by a series of woodwork exercises of the nature of those suggested in a separate pamphlet issued by the Board.

COMMERCIAL COURSE.**BUSINESS METHODS.****Pass**

Junior Grade Honour course.

Honours

More difficult questions on the Pass course.

COMMERCIAL GEOGRAPHY.**Pass**

In addition to the Course for the Junior Grade, the position, configuration, and climate of the different parts of Europe and their influence on :—

1. The distribution of population and of the employments of the people.
2. The various productions, mineral, vegetable, and animal.
3. Manufactures, their localisation and economic effects.
4. Imports and exports : their nature, origin, and destination.
5. Trade routes : their direction and most important freights.
The linking up of the principal ports with manufacturing centres and with each other.
6. The food supply.
7. Communication by railroad and canal.

Honours

A more advanced knowledge of the subjects of the Pass Course.

INDUSTRIAL HISTORY.**Pass**

Industrial History of Ireland and England from 1250 to 1760, covering the following :—

Trade between England, Ireland and the Continent. Guilds. Livery companies. Results of the Black Death. Migration of artisans to England. Advantages of commercial intercourse. Staple towns. Tillage and sheep-farming. Corn growing. Labourers' wages. Poor relief. Convertible husbandry. Enclosures. Economic results of the dissolution of monasteries. Patents and monopolies. Formation of companies. Development of shipping. Restoration of the currency in Elizabeth's reign. Navigation Acts, effect on Ireland and England. The Huguenot immigrants. Currency in William III.'s reign. The foundation of the Bank of England. National Debt. The Methuen Treaty. Assiento Treaty and the slave trade. South Sea Bubble. Restrictions on Irish Trade. Irish linen and woollen trades. Restrictions on export of cattle. Effect on Ireland of the Corn Bountly Act (1689). Effect on the population of increase of ranching in Ireland after the Restoration. The currency question in Ireland in the first half of the 18th century. Woods' halfpence.

Honours.

More difficult questions on the Pass course.

Senior Grade.

GREEK.

Pass

Percentage
of Marks

- | | |
|--|----|
| 1. HOMER : Iliad, Book VI. ;
ÆSCHYLUS : Persae ;
LYSIAS : Against Eratosthenes. | 30 |
| 2. Short passages from other Greek works for translation at sight. | 30 |
| 3. A passage or passages of English prose to be translated into Greek. | 30 |
| 4. Greek history, from 404 B.C. to 323 B.C. | 10 |

Honours

- | | |
|---|----|
| 1. Passages from Greek authors for translation into English. | 45 |
| 2. A passage or passages of English prose to be translated into Greek. | 45 |
| 3. Greek history, from 404 B.C. to 323 B.C., and outlines of Greek literature from 479 B.C. to 350 B.C. | 10 |
| A passage of English verse for translation into Greek iambs. | |

LATIN.

Pass

- | | |
|---|----|
| 1. HORACE : Odes, Book II. (omitting Odes 5, 8, and 11) ; and Epodes , 1, 2, 7, 9, 13, 16 ;
LIVY : Book XXVI. | 30 |
| 2. Short passages from other Latin works for translation at sight. | 30 |
| 3. A passage or passages of English prose to be translated into Latin. | 30 |
| 4. Roman history, from 91 B.C. to 31 B.C., and outlines of Roman literature and art within that period. | 10 |

Honours

1. Passages from Latin authors for translation into English. 45
 2. A passage or passages of English prose to be translated into Latin. 45
 3. Roman history, from 91 B.C. to 31 B.C., and outlines of Roman literature and art within that period. 10
- A piece of English verse for translation into Latin verse.

ENGLISH.

1. English Composition. 40
2. Literature. 30

SHAKESPEARE : Hamlet (School Edition).

Questions may be asked on the æsthetic principles involved in the structure of the play. Philological questions will not be asked.

TENNYSON : The Lotos Eaters ; The Palace of Art.

MACAULAY : Essay on Lord Clive.

3. Outlines of History :
Europe, with special reference to Ireland, Great Britain, and France, A.D. 1748 to A.D. 1832.
4. Geography :
 (a) General geography of America and Australasia.
 (b) The British Empire in America and Australasia in more detail.
 (c) The geography of Poland and of Western Russia, the Mesopotamian area and Armenia.
5. For general private reading : Course to be submitted by the school and approved by the Board.

HISTORY AND HISTORICAL GEOGRAPHY.**Honours Course only**

1. (a) General History of Europe and of the other Continents in so far as they come into direct contact with Europe, 1748-1832 ; and Historical Geography relative thereto. 90
- (b) Period for special study : 1789-1815, including Historical Geography relative thereto.
2. The progress of geographical discovery and colonisation, 1715-1832. 10

FRENCH.**Pass**Percentage
of Marks.

- | | |
|---|----|
| 1. Passages from French authors for translation into English. | 40 |
| 2. (a) Colloquial phrases and a passage of English prose for translation into French. | 25 |
| (b) Free composition in French. | 25 |
| 3. Literature: The life and works of Lamartine. | 10 |

Honours

More difficult questions on the Pass course: more difficult passages for translation.

GERMAN.**Pass**

- | | |
|---|----|
| 1. Passages from German authors for translation into English. | 40 |
| 2. (a) Colloquial phrases and a passage of English prose for translation into German. | 25 |
| (b) Free composition in German. | 25 |
| 3. Literature: Life and works of Schiller. | 10 |

Students will not be required to write their answers in German handwriting.

Honours

More difficult questions on the Pass course: more difficult passages for translation.

IRISH.**Pass**

- | | |
|--|----|
| 1. AN SEABHAC: Eachtra Thaidhg Mhic Céin; | |
| BEASLEY: Eachtra Pheadair Schlemihl; | |
| FEARGUS MAC RÓIGH: Bruidhean Chaorthainn. | 30 |
| 2. Short passages from other Irish works for translation at sight. | 20 |
| 3. (a) Colloquial phrases and a passage of English for translation into Irish. | 20 |
| (b) Free composition in Irish. | 20 |
| 4. Literature: The Ossianic Cycle. | 10 |

Honours

1. Passages from Irish works for translation into English.
2. (a) Colloquial phrases and a passage of English for translation into Irish.
- (b) Free composition in Irish.
3. Literature : The Ossianic Cycle.

40
25
25
10

ITALIAN.**Pass**

1. Passages from Italian authors for translation into English.
2. (a) Colloquial phrases and a passage of English prose for translation into Italian.
- (b) Free composition in Italian.
3. Literature : Life and works of Machiavelli and Tasso.

40
25
25
10

Honours

More difficult questions on the Pass course : more difficult passages for translation.

SPANISH.

1. Passages from Spanish authors for translation into English.
2. (a) Colloquial phrases and a passage of English prose for translation into Spanish.
- (b) Free composition in Spanish.
3. Literature : Life and works of Cervantes.

40
25
25
10

Honours

More difficult questions on the Pass course : more difficult passages for translation.

BOOK-KEEPING.

The Middle Grade course, and in addition an elementary knowledge of the following subjects :—Auditing ; book-keeping and accounts of limited liability companies ; the tabular method ; and banking accounts.

ARITHMETIC WITH ALGEBRA.Percentage
of Marks.**Pass**

Middle Grade Pass course, and in addition :—

ARITHMETIC.—Present worth ; Bankers' discount ; stocks and shares.

Graphical solutions of problems and interpretation of given graphs may be required.

The use of algebraic symbols and methods is permitted.

ALGEBRA.—Arithmetical and geometrical progressions ; Remainder Theorem and easy applications.

50

50

Honours

ARITHMETIC.—Pass course.

30

ALGEBRA.—Middle Grade Honour course ; permutations and combinations ; binomial theorem and applications (proofs of the binomial expansion will not be required except for the case of positive integral exponents) ; elimination ; simultaneous quadratic equations, and equations reducible to such and questions leading to them ; elementary summation of series ; harmonic mean of two quantities ; elementary theory of scales of notation ; annuities certain ; problems in maxima and minima whose solution depends on the theory of quadratic equations.

70

GEOMETRY.**Pass**

An amount of geometrical knowledge approximately equivalent to that contained in Euclid, Books I., II., III., and IV. Deductions.

Honours

The Middle Grade Honour course.—Questions may be set involving an elementary knowledge of : Centre of Mean Position, Coaxal Circles, Inversion, Poles and Polars, Reciprocation, Harmonic Ranges, and other elementary applications of pure geometry.

The analytical geometry of the straight line and circle treated with reference to rectangular axes.

TRIGONOMETRY.**Pass**

Trigonometry up to and including the solution of plane triangles ; simple cases of inverse functions ; properties of circumscribed, inscribed, and escribed circles of a triangle.

Use of logarithmic and trigonometrical tables. Books of tables (to four places) will be supplied at the examination.

Honours

More difficult questions on the Pass course ; De Moivre's Theorem and easy applications to the expansion of trigonometrical functions ; easy summation of trigonometrical series.

APPLIED MATHEMATICS.

In some simple questions candidates may be required to use graphical methods. Candidates should bring graduated rulers and protractors.

Pass

Middle Grade Pass course, and in addition :—

Problems on projectiles without reference to the form of the actual path. Motion of bodies connected by a string. Motion on inclined planes. Angular velocity and acceleration. Moments. Elementary notions of couples. Conditions of equilibrium of a system of plane forces. Lever, pulleys, screws, common balance, wheel and axle.

Honours

Pass course and in addition :—

Angular velocity and acceleration. Work, energy, power. Law of conservation of energy. Parabolic path of projectile. Uniform motion in a circle. Harmonic motion. Motion in vertical circle. Simple pendulum. Motion of centre of gravity of a system of particles. Conical pendulum. Hodograph. Laws of friction.

SHORTHAND.

A passage will be dictated at the rate of 80 words a minute (ten minutes' test). Any system of shorthand may be used.

EXPERIMENTAL SCIENCE.

The courses in the various subjects enumerated in Rule 10(a) are contained in the Syllabuses published by the Department of Agriculture and Technical Instruction for Ireland, and are as follows :—

- Form S. 280. Preliminary (two year) course in Experimental Science.
 Form S. 281. Special Course in Physics.
 Form S. 282. Special Course in Chemistry.
 Form S. 283. Special Course in Mechanics.
 Form S. 284. Special Course in Botany.
 Form S. 285. Special Course in Physiology and Hygiene.
 Form S. 286. Special Course in Physical and Commercial Geography.
 Form S. 287. Preliminary and Special Courses in Drawing.
 Form S. 288. Special Course in Domestic Economy and Hygiene.

These Syllabuses may be obtained, on application, from the Secretary, Department of Agriculture and Technical Instruction for Ireland, Upper Merrion Street, Dublin.

MUSIC.

The editions mentioned in this Programme are for purposes of identification only.

(A) COURSE FOR THE PRACTICAL EXAMINATION.**(1) For particular instruments.****PIANO.**

Scales :—All the major scales. All the minor scales in harmonic and melodic forms. Chromatic scales beginning on any keynote. Hands separate and together. Compass, 4 octaves.

Arpeggios :—All the major and minor common chords and their inversions in extended position. Hands separate and together. Compass, 4 octaves.

Studies :—(a) Bach, Prelude in E minor (No. 16, J. Williams).
 (b) Cramer's Study in A Major.

Pieces :—(a) Schumann, Novellette in E, (b) Chopin's Waltz in D flat ; or as an alternative :—

(a) Rondo in D, Mozart.

(b) Nos. 1 and 5 of Grieg's Poetische Tonbilder, Op. 3 (B. F. Wood) (Ashdown).

VIOLIN.

Scales :—All major, harmonic, and melodic minor scales. Scales of G, A flat, A natural, B flat, B natural in 3 octaves ; all others 2 octaves, (a) detached, (b) slurred in eights. Chromatic scales, beginning on any note. Compass, 2 octaves, slurred in eights.

Arpeggios :—Arpeggios of major and minor common chords, (a) detached, (b) slurred in sixes. Compass, 2 octaves.

Studies :—Any two studies from Kreutzer, Forty Studies.

Pieces :—Handel, Sonata in E (1st and 2nd movements) (Novello);
or as an alternative :—

“Barcarolle,” Op. 135, Spohr.

VIOLONCELLO.

Scales :—All the major scales. All the minor scales (harmonic form).
Compass, 2 octaves, (a) detached, (b) slurred in eights.

Arpeggios :—The major and minor common chords of the above scales.
Compass, 2 octaves, (a) detached, (b) slurred in sixes.

Studies :—Dotzauer, *Études*, Op. 107, Nos. 8 and 11. (Ashdown.)

Pieces :—(a) Marcello, *Sonata in G minor*. 1st and 2nd movements.
Piatti Ed. (Ricordi), and (b) A. Simonetti, *Cavatina* (Augener
5540).

HARP.

Scales :—Major scales. Harmonic and melodic minor scales, with
hands separate and hands together, one octave apart. Compass,
3 octaves.

Arpeggios :—Arpeggios of major and minor common chords. Chords
of the dominant and diminished 7th, with hands separate and
hands together, one octave apart. Compass, 3 octaves.

Studies :—Bochsa, *Forty Studies*, Book I. (Chappell), Nos. 1 and 6

Pieces :—(a) Handel, *Harmonious Blacksmith* (Ashdown), and (b)
G. Lorenzi, *Ondina* (Hutchings and Romer).

(2) For all Students.

Reading at Sight :—A piece about as difficult as Junior Grade pieces.

Ear Test :—To recognise and name any interval within compass of
an octave, between G below the middle C of piano and G above
the treble stave.

(B) COURSE FOR THE EXAMINATION IN THEORY.

Harmony :—Middle Grade course. Secondary 7th chords. Suspensions. Appoggiaturas, and auxiliary notes. A given figured bass or a given 8-bar melody, to test knowledge of foregoing.

Form :—Elements of Form for Sonata.

COMMERCIAL COURSE.

BUSINESS METHODS.

Pass

The Middle Grade course, and in addition—Stock-Exchange and Market Reports. Insurances. Bills of Exchange. Currency and Bimetallism. Private Firms and Public Companies. (As dealt with in Pitman's Business Training or some similar Manual.)

Honours

More difficult questions on the Pass course.

COMMERCIAL GEOGRAPHY.

Pass

In addition to the Course defined for the Junior and Middle Grades, the position, configuration, and climate of the different parts of the British Empire and their influence on:—

1. The distribution of population and of the employments of the people.
2. The various productions, mineral, vegetable, and animal.
3. Manufactures, their localisation and economic effects.
4. Imports and exports: their nature, origin and destination.
5. Trade routes: their direction and most important freights
The linking up of the principal ports with manufacturing centres and with each other.
6. The food supply.
7. Communication by railroad and canal.

Honours

A more advanced knowledge of the subjects of the Pass Course.

INDUSTRIAL HISTORY.

Pass

The Industrial History of Ireland and England from 1760 to 1850, covering the following:—

The industrial and commercial revolutions. Effect on Irish and English commerce of the loss of the American colonies. Position of commerce and agriculture before and after the Union. The great inventions. Economic results in England and Ireland of the revolutionary and Napoleonic wars. Internal communications. Penny postage. Relations of labour and capital. Decrease of the rural population and growth of the towns. Bank legislation in England and Ireland. The factory system and legislation dealing with it. Free trade movement, with special reference to the corn question. Poor Law. Abolition of Irish currency. Development of means of transit in Ireland and results of steamship communication with England. The middleman system. Condition of tillage and cattle raising in Ireland. Effects of the Great Famine in Ireland.

Honours

More difficult questions on the Pass course.

ELEMENTS OF ECONOMICS.**Pass**

The scope and method of political economy. Definition of fundamental terms.

The factors of production : land, labour, capital and organisation—Laws of increasing and diminishing returns—Conditions affecting the efficiency of the factors of production—Division of labour : advantages and disadvantages—Introduction of machinery : advantages and disadvantages—Large and small scale productions : causes which determine them : advantages and disadvantages—Localisation of industry : cause and effect.

The principles of distribution—Marginal worth—Rent—Interest—Profits—Wages.

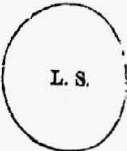
Barter—Money and the mechanism of exchange—Outline of the monetary and banking system of the United Kingdom—The process of exchange—utility, value, price—Operation of supply and demand.

Honours

More difficult questions on the Pass course.

Given under our Common Seal

this 15th day of June, 1917.

L. S.

Present at Board Meeting when Seal was affixed,

W. F. BUTLER,

W. A. HOUSTON,

Assistant Commissioners.

WE, IVOR CHURCHILL, BARON WIMBORNE, Lord Lieutenant-General and General Governor of Ireland, do hereby approve of the foregoing Rules and Schedule.

(Signed) WIMBORNE.

Dated this 20th of June, 1917.

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