RRB GROUP D

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 13

QUESTION- 100   MARKS- 100   NEGATIVE MARK- 0.33   DURATION- 90 MIN.

1. Use only ball pens with black or blue ink
2. As soon as the examination starts, you must check this question booklet and if there is any unprinted, mutilated or partially printed page or question in it, then replace it with the correct question booklet through the examiner.
3. There are a total of 100 questions in this question booklet.
4. This is an objective test, in which four options are given for the answer to each question, you have to choose only one option with the correct answer out of these four options.
5. Answers to all questions are to be written on separate answer sheets.

6. Instructions for filling the answer sheet are written on the back side of the answer sheet, read them carefully before filling the answer sheet.
7. Blank pages are available in this question booklet for rough work.
8. Candidates cannot leave the room before the end of the examination.
9. After the examination is over, you can go out only with his permission after submitting the ORIGINAL COPY of the answer sheet to the invigilator.
10. After the completion of the examination, the candidate is allowed to take the question booklet and answer sheet with him/her.
11. 1 marks will be given for each correct answer and 0.33 marks will be deducted for each wrong answer.

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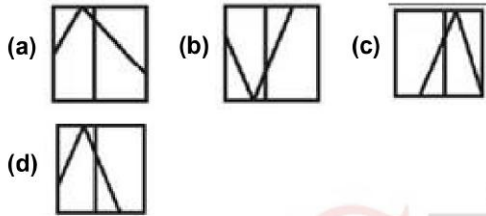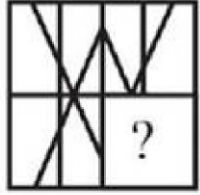**HELPLINE**   90711 54445, 90711 64446, 90711 74447

10 Years of Excellence

Total: 100 Que.	RRB Group D 2025 - Set 13 English Language	Time: 90 Min.

Group D

1). Which answer figure will complete the pattern in the question figure?

2). In a certain code language, 'REASON' is written as 'SDBRPM'. What is the code for 'NGLISH' in that code language?

(a) PGMIUH   **(b)** OFMHTG   **(c)** PGNIUH
(d) OEMHTG

3). After interchanging two signs '+ and ×' what will be the value of given equation?

$6 × 8 ÷ 32 + 64 − 11 =?$

(a) 11   **(b)** 13   **(c)** 14   **(d)** 10

4). Select the option that is related to the third term in the same way as the second term is related to the first term.
Plate : Utensil :: Car : ?

(a) Tyre   **(b)** Bike   **(c)** Vehicle   **(d)** Driver

5). Select the number that can replace the question mark (?) in the following series.
36, 73, 147, 295, ?

(a) 591   **(b)** 581   **(c)** 621   **(d)** 691

6). Select the Letter Cluster that can replace the question mark (?) in the following series.

MOND, RUUL, WABT, BGIB, ?

(a) GMQJ   **(b)** HNQJ   **(c)** HNPS   **(d)** GMPJ

7). In a certain code language, 'PRO' is written as '48', 'BAL' is written as '14'. What is the code for 'COH' in that code language?

(a) 24   **(b)** 26   **(c)** 25   **(d)** 27

8). Select the option that is related to the third term in the same way as the second term is related to the first term.

Arc : Circle :: ?

(a) Clock : Needle   **(b)** Blade : Sofa   **(c)** Tyre : Bike
(d) House : Room

9). Select the number that can replace the question mark (?) in the following series.

1107, 1127, 1167, 1227, 1307, ?

(a) 1397   **(b)** 1407   **(c)** 1427   **(d)** 1417

10). In a certain code language, 'MODERN' is written as 'JLABOK'. What is the code for 'NUMBER' in that code language?

(a) KRJYBO   **(b)** LSKZCP   **(c)** LTKZCP
(d) KRKYBO

11). Select the option that is related to the third Letter Cluster in the same way as the second Letter Cluster is related to the first Letter Cluster.
ROL : URO :: TAG : ?

(a) XEL   **(b)** XEK   **(c)** WDJ   **(d)** WEJ

12). In the following question below are given some statements followed by some conclusions based on those statements. Taking the given statements to be true even if they seem to be at variance from commonly known facts. Read all the conclusions and then decide which of the given conclusion logically follows the given statements.

Statements:
I. All H are B
II. All R are B
Conclusions:
I. Some H are R.
II. No H is R.
III. Some B are R.

(a) Only conclusion I follows

(b) Conclusion III and either conclusion I or II follows

(c) Both conclusion II and III follow

(d) Only conclusion III follows

---

13). The statement below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears to be at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:
I. Some dawns are nights.
II. No night is a noon.
III. No dawn is a dusk.
Conclusions:
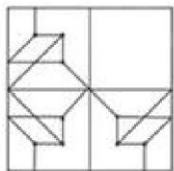I. Some dusks are nights
II. Some noons are dawns

(a) Only conclusion II follows.

(b) Neither I nor II follows.

(c) Either conclusion I or II follows.

(d) Only conclusion I follows.

---

14). Select the option that is related to the third term in the same way as the second item is related to the first term.
BUCKET : DSEIGR : : BONUS: ?

(a) DPMSU   **(b)** DMSPU   **(c)** DMPSU   **(d)** DSPUM

---

15). Four words have been given out of which three are alike in some manner, while one is different. Choose the odd one.

(a) Deer   **(b)** Sheep   **(c)** Cow   **(d)** Donkey

---

16). Select the correct option that will fill in the blank and complete the series.

1440, 240, 48, ? , 4, 2

(a) 4   **(b)** 6   **(c)** 3   **(d)** 12

---

17). Which answer figure will complete the pattern in the question figure?(Rotation not allowed)

---

18). If J = 10 and JAM = 130, then JAR = ?

(a) 170   **(b)** 140   **(c)** 150   **(d)** 180

---

19). Six people have different heights. U is the tallest one. P is taller than R, who is shorter than S. Q is shorter than R, but taller than T. who is shortest one?

(a) Q   **(b)** S   **(c)** P   **(d)** T

---

20). Satish is 9 ranks ahead of Ajay in the class of 39 students. If Ajay's rank is 15th from the last, then what is Satish's rank from the start?

(a) 18th   **(b)** 14th   **(c)** 24th   **(d)** 16th

---

21). Select the correct combination of mathematical signs to replace * signs and to balance the given equation:

28 * 4 * 9 * 16

(a) - = ×   **(b)** - × +   **(c)** ÷ + =   **(d)** + ÷ =

---

22). If A = 1, B = 3, C = 5 and similarly Z = 51, then find the code for PULSE?

(a) 314123379   **(b)** 323412379   **(c)** 342231279

(d) 314213279

---

23). Select the option that is related to the third term in the same way as the second term is related to the first term.

Jasmine : White : : Sunflower : ?

(a) Indigo   **(b)** Yellow   **(c)** Violet   **(d)** Pink

---

24). In a certain code, 'GRAPH' is written as 'JUZSK'. How is 'CARE' written in that code?

(a) FZTO   **(b)** FZUU   **(c)** FZZD   **(d)** FZUD

---

25). Select the option that is related to the third Letter Cluster in the same way as the second Letter Cluster is related to the first Letter Cluster.

BDHP : CFJT : : PHDB : ?

(a) BSWN   **(b)** HWSH   **(c)** HSWH   **(d)** QJFF

---

26). If A stands for '+', B stands for '-', C stands for 'x', what would be the value of the given equation?

(10 C 4) A (4 C 4) B 6 = ?

(a) 46   **(b)** 60   **(c)** 50   **(d)** 56

---

27). Read the given statement and conclusions carefully and decide which of the conclusions logically follow(s) from the statement.
Statement:

Road offers the fastest connectivity between Agra and Delhi.

Conclusions:

I. There is no rail connectivity between Agra and Delhi.

II. There is no air connectivity between Agra and Delhi.

(a) Neither conclusion I nor Conclusion II follows.

(b) Only conclusion II follows

(c) Only conclusion I follows.

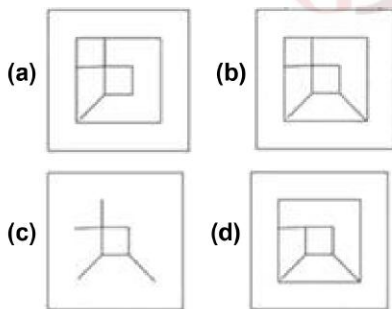**(d)** Either conclusion I or conclusion II follows.

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28). Find the wrong term in the given number series: 34, 32, 35, 33, 36, 37

(a) 33   **(b)** 37   **(c)** 32   **(d)** 34

---

29). In a certain code, 'MIGHTY' is written as 'BJFISN'. How is 'BUILDER' written in that code?

(a) IHVMGFY   **(b)** IVHMCFY   **(c)** YUIMCFI

(d) YFCMHVI

---

30). From the given answer figures, select the one in which the question figure is hidden/embedded.

(a)   **(b)**

(c)   **(d)**

---

31). Which of the following is exactly divisible by 6?

(a) 4325672   **(b)** 5643252   **(c)** 96543111

(d) 465466

---

32). Vivek can do a certain work in 14 days. Vishal is 75% more efficient than Vivek. How many days will Vishal alone take to do the same work?

(a) 8 days   **(b)** 9 days   **(c)** 10 days   **(d)** 6 days

---

33). Ranjeet drives his car at an average speed of 50 km/hr and reaches his destination in 8 hours. Rahman covers the same distance in 5 hours. If Ranjeet increases his speed by 10 km/hr and Rahman increases his speed by 20 km/hr, then what will be the difference in the time takes by them to reach their destination?

(a) 2 hours 30 minutes   **(b)** 3 hours 40 minutes

(c) 23hours 20 minutes   **(d)** 2 hours 40 minutes

---

34). The value of $\dfrac{(2.8)^3 + (2.2)^3}{(28)^2 - 28 \times 22 + 484}$ is:

(a) 0.02   **(b)** 0.05   **(c)** 0.01   **(d)** 0.5

---

35). The average age of husband, wife and child 7 years ago was 42 years and that of wife and child 9 years ago was 36 years. The present age of the husband is:

(a) 50   **(b)** 55   **(c)** 48   **(d)** 57

---

36). Mangoes are bought at a rate of Rs 10,000 per ton. If one-third of the total mangoes are sold at a loss of 4%, then at what price (per ton) should the remaining mangoes be sold so as to gain 30% on the whole transaction?

(a) Rs 15,000   **(b)** Rs 13,500   **(c)** Rs 14,700

(d) Rs 14,600

---

37). Which of the following is NOT a renewable source of energy?

(a) Solar energy   **(b)** Wind energy

(c) Geothermal energy   **(d)** Nuclear energy

---

38). What is the chemical symbol for gold?

(a) Ag   **(b)** Au   **(c)** Fe   **(d)** Hg

---

39). Which planet is known as the "Red Planet"?

(a) Mars   **(b)** Venus   **(c)** Jupiter   **(d)** Saturn

---

40). What is the process of converting water vapor into liquid water called?

(a) Evaporation   **(b)** Condensation   **(c)** Precipitation

(d) Transpiration

---

41). Which blood group is considered the "universal donor"?

(a) A+   **(b)** B+   **(c)** AB-   **(d)** O-

---

42). What is the function of chlorophyll in plants?

(a) To store water

(b) To absorb sunlight for photosynthesis

(c) To transport nutrients

(d) To provide structural support

---

43). Which of the following is NOT a part of the human skeletal system?

(a) Tendons   **(b)** Skull   **(c)** Ribs   **(d)** Vertebrae

44). What is the unit of electrical current?

(a) Volt   **(b)** Ampere   **(c)** Watt   **(d)** Ohm

45). Which gas is most abundant in the Earth's atmosphere?

(a) Oxygen   **(b)** Nitrogen   **(c)** Carbon dioxide

(d) Hydrogen

46). Which organ is responsible for filtering blood in the human body?

(a) Heart   **(b)** Lungs   **(c)** Liver   **(d)** Kidneys

47). Which of the following is a mammal?

(a) Snake   **(b)** Frog   **(c)** Bird   **(d)** Whale

48). What is the process of breaking down food into simpler substances called?

(a) Respiration   **(b)** Photosynthesis   **(c)** Digestion

(d) Excretion

49). Which layer of the Earth is the hottest?

(a) Crust   **(b)** Mantle   **(c)** Core   **(d)** Atmosphere

50). What is the SI unit of force?

(a) Newton   **(b)** Joule   **(c)** Watt   **(d)** Pascal

51). Which of the following is a renewable source of energy?

(a) Coal   **(b)** Oil   **(c)** Natural gas   **(d)** Hydropower

52). What is the function of the nervous system?

(a) To transport oxygen

(b) To control and coordinate body functions

(c) To produce hormones   **(d)** To break down food

53). Which of the following is a greenhouse gas?

(a) Oxygen   **(b)** Nitrogen   **(c)** Carbon dioxide

(d) Hydrogen

54). What is the process of transferring heat through direct contact called?

(a) Conduction   **(b)** Convection   **(c)** Radiation

(d) Evaporation

55). Which of the following is NOT a type of blood cell?

(a) Red blood cells   **(b)** White blood cells

(c) Platelets   **(d)** Neurons

56). What is the chemical symbol for iron?

(a) Fe   **(b)** Au   **(c)** Ag   **(d)** Cu

57). Which planet is closest to the Sun?

(a) Earth   **(b)** Mars   **(c)** Mercury   **(d)** Venus

58). What is the process by which plants make their own food?

(a) Respiration   **(b)** Photosynthesis   **(c)** Digestion

(d) Excretion

59). Which of the following is a simple machine?

(a) Car   **(b)** Computer   **(c)** Lever   **(d)** Television

60). What is the unit of electrical resistance?

(a) Volt   **(b)** Ampere   **(c)** Watt   **(d)** Ohm

61). Which of the following countries recently launched its fourth nuclear-powered ballistic missile submarine SSBN)?

(a) Goa   **(b)** Mumbai   **(c)** Visakhapatnam

(d) Chennai

62). In January 2024, India had decided to formally join the Square Kilometer Array SKA) project, an international scientific collaboration working to build the world's largest _____ .

(a) radio telescope   **(b)** space station

(c) particle accelerator   **(d)** optical telescope

63). Mahmud Gawan was granted the title of Chief of the Merchants or Malik-ut-Tujjar by _____.

(a) Ahmad III   **(b)** Bahman Shah

(c) Humayun Shah   **(d)** Muhammad Shah

64). NASA's very first space mission to study an M-type metalliasteroid, Psyche mission, was launched on which date from Kennedy Space Center?

(a) 15 March 2023   **(b)** 13 October 2023

(c) 01 July 2023   **(d)** 27 December 2023

65). Which of the following census years reported the highest sex ratio in India?

(a) 2011   **(b)** 1991   **(c)** 1951   **(d)** 2001

66). Which of the following is a feature of the Fiscal Responsibility and Budget Management Act, 2003 FRBMA)?

(a) The reduction in fiscal deficit by 0.3 per cent of GDP each year.

(b) The reduction in fiscal deficit by 0.2 per cent of GDP each year.

(c) The reduction in fiscal deficit by 0.4 per cent of GDP each year.

(d) The reduction in fiscal deficit by 0.5 per cent of GDP each year.

67). What is the term used to describe the different forms of a gene?

(a) Genotype   **(b)** Phenotype   **(c)** Allele

(d) Chromosome

68). Which food safety management system published in 2005 provides a framework for organisations to manage food safety?

(a) ISO 17025   **(b)** ISO 9000   **(c)** ISO 14000

(d) ISO 22000

69). Where was the 0832 India Open Competition – Rifle and Pistol 2024 organised and conducted by the National Rifle Association of India in August 2024?

(a) Aligarh   **(b)** Panipat   **(c)** Delhi   **(d)** Goa

70). _____ has won the National Award for the best implementation of Pradhan Mantri Fasal Bima Yojana PMFBY), which is a crop subsidy insurance scheme, for the year 2022-23?

(a) Punjab   **(b)** Uttar Pradesh   **(c)** Karnataka

(d) Tamil Nadu

71). Who has won the gold medal in the men's 50 meter rifle 3 position event in the recent 38th National Games?

(a) Neeraj Kumar   **(b)** Vijay Kumar

(c) Saurabh Singh   **(d)** Abhijeet Shah

72). In June 2024, which of the following portfolios was allotted to Anitha Vangalapudi in the Andhra Pradesh Cabinet?

(a) Minister of Panchayat Raj and Rural Development of Andhra Pradesh

(b) Minister of Information Technology and Communication of Andhra Pradesh

(c) Home Minister of Andhra Pradesh

(d) Deputy Chief Minister of Andhra Pradesh

73). Who wrote the book 'Women Freedom Fighters of India'?

(a) EB Havell   **(b)** Shashi Tharoor

(c) B.R. Ambedkar   **(d)** Jawaharlal Nehru

74). Which country has recently passed strict laws to prevent hate crimes?

(a) Australia   **(b)** America   **(c)** Germany   **(d)** Russia

75). Silver medalist at the Paris Paralympic games 2024, Thulasimathi Murugesan is associated with which of the following games?

(a) Athletics   **(b)** Badminton   **(c)** Table Tennis

(d) Swimming

76). Which of the following is the smallest state in India in terms of area?

(a) Goa   **(b)** Sikkim   **(c)** Tripura

(d) Arunachal Pradesh

77). Who is the current Chief Justice of India?

(a) Justice D.Y. Chandrachud

(b) Justice Uday Umesh Lalit

(c) Justice N.V. Ramana   **(d)** Justice Ranjan Gogoi

78). Which of the following is the largest gland in the human body?

(a) Liver   **(b)** Pancreas   **(c)** Thyroid   **(d)** Adrenal

79). Which of the following is a renewable source of energy?

(a) Coal   **(b)** Petroleum   **(c)** Natural Gas

(d) Solar Energy

80). Which Indian state is known as the "Land of Five Rivers"?

(a) Punjab   **(b)** Haryana   **(c)** Rajasthan   **(d)** Gujarat

81). If $x^4 + x^2 y^2 + y^4 = \frac{21}{256}$ and $x^2 + xy + y^2 = \frac{3}{16}$, then $2(x^2 + y^2) =$

(a) $\frac{3}{8}$ **(b)** $\frac{5}{8}$ **(c)** $\frac{3}{4}$ **(d)** $\frac{5}{16}$

82). If $2\sin\theta + 15\cos^2\theta = 7$, $0^\circ < \theta < 90^\circ$, then what is the value of $\frac{3 - \tan\theta}{2 + \tan\theta}$?

(a) $\frac{1}{4}$ **(b)** $\frac{3}{4}$ **(c)** $\frac{1}{2}$ **(d)** $\frac{5}{8}$

83). A right circular cone of largest volume is cut out from a solid woolen hemisphere.

(a) 50%   **(b)** $33\frac{1}{3}$%   **(c)** 75%   **(d)** $66\frac{2}{3}$%

---

84). In ABC, AB = c cm, AC = b cm and CB = a cm. If $\angle A = 2\angle B$, then which of the following is true?

(a) $a^2 = b^2 - bc$ **(b)** $a^2 = b^2 - ac$ **(c)** $a^2 = b^2 + bc$

(d) $a^2 = b^2 + ac$

---

85). The average of eleven numbers is 68. The average of the first four numbers is 78 and that of the next four numbers is 63. The 9th number is two times the 11th number and the 10th number is 4 less than the 11th number. What is the average of the 9th and 11th number?

(a) 70.1   **(b)** 72.2   **(c)** 70.5   **(d)** 72.6

---

86). In an office, 70% of the total number of employees are females. 80% of the total number of employees, including 35 males, got promotion. If there are 105 female employees, then what percentage of female employees got promotion?

(a) 30%   **(b)** $80\frac{20}{21}$%   **(c)** 4%   **(d)** 35%

---

87). A is 40% more than B and B is 60% less than If C is 60% more than D, then which of the following is true?

(a) C is 60% more than B   **(b)** B is 36% less than D

(c) D is 10.4% more than A.

(d) A is 54% less than C.

---

88). The average score of 42 students in a test is 69. The ratio of the number of boys so that of girls is 10 : 11. The average score of the boys is 20% more than that of the girls. The average score of the boys is:

(a) 82.8   **(b)** 75.6   **(c)** 73.5   **(d)** 75.2

---

89). A started a business with a capital of Rs. 1,12,000. After 2 months, B joined the business with a capital of Rs. 80,000, and after another 2 months, C joined the business with a capital of Rs.72,000. After 10 months from the start of the business, B withdrew Rs. 8,000 and C also withdrew Rs. 8,000. If B received Rs. 9,800 as his share in the profit at the end of a year, then the total profit was :

(a) Rs. 30,800   **(b)** Rs. 35,800   **(c)** Rs. 32,400

(d) Rs. 33,600

---

90). An observer who is 1.62 m tall is 45 m away from a pole. The angle of elevation of the top of the pole from his eyes is 30°. The height (in m) of the pole is closet to:

(a) 26.8   **(b)** 25.8   **(c)** 26.2   **(d)** 27.6

---

91). The value of $\sqrt{6 - \sqrt{17 - 2\sqrt{72}}}$ is closet to:

(a) 2.1   **(b)** 2.4   **(c)** 2.7   **(d)** 1.7

---

92). A works twice as fast as B and B works twice as fast as All three working together can finish a task in 4 days with the help of If D alone can finish the same task in 16 days, then in how many days will A alone finish 75% of the same task?

(a) 9   **(b)** 8   **(c)** 7   **(d)** 6

---

93). A can finish one-third of a work in 5 days, B can finish $\frac{2}{5}th$ of the same work in 10 days and C can finish 75% of the same work in 15 days. They work together for 6 days. The remaining work will be finished by B alone in:

(a) 2 days   **(b)** $1\frac{1}{2}$ days   **(c)** 3 days   **(d)** 5 days

---

94). The volume of a solid right circular cylinder is 5236 cm^3, and its height is 34 cm. What is its curved surface area (in cm^2)?

(a) 1496   **(b)** 1573   **(c)** 1650   **(d)** 1804

---

95). The value of 8 ÷ [(9 - 5) ÷ {(4 ÷ 2 of 4) − (8 ÷ 8 of 16) + (4 × 2 ÷ 8)}] is:

(a) $\frac{21}{8}$ **(b)** $\frac{23}{8}$ **(c)** $\frac{12}{23}$ **(d)** $\frac{32}{23}$

---

96). P is a point outside a circle and is 26 cm away from its centre. A secant PAB drawn from P intersects the circle at points A and B such that PB = 32 cm and PA = 18cm. The radius of the circle (in cm) is:

(a) 12   **(b)** 10   **(c)** 13   **(d)** 8

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97). A conical vessel whose internal base radius is 18 cm and height 60 cm is full of a liquiThe entire liquid of the vessel is emptied into a cylindrical vessel with internal radius 15 cm. The height (in cm) to which the liquid rises in the cylindrical vessel is :
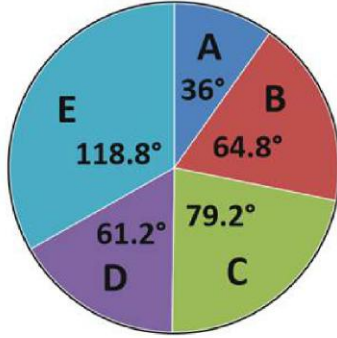
(a) 30.2 cm   **(b)** 28.8 cm   **(c)** 27 cm   **(d)** 24 cm

---

98). The marked price of an article is Rs. 800. A retailer buys it for Rs. 540 after getting two successive discounts. The first discount is 25%. What is the second discount?

(a) 8% **(b)** 12% **(c)** 10% **(d)** 15%

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99). Study the given pie chart and answer the question that follows.

Distribution (degree wise) of students studying in schools A, B, C, D & E Total number of students - 9000
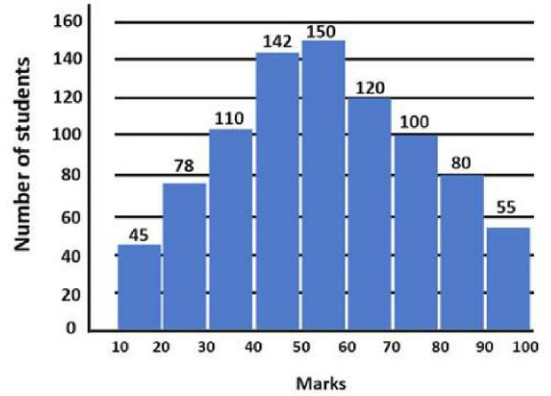

If the ratio of the number of boys to that of girls in school C is 6 : 5 and that in school B is 7 : 11, then what is the ratio of the number of boys in school C to the number of girls in school B ?

(a) 10 : 11   **(b)** 11 : 10   **(c)** 12 : 11   **(d)** 11 : 12

---

100). Study the given graph and answer the question that follows.

Distribution of marks obtained by students in an examination

If 60% of the total number of students obtaining 50 marks or more but less than 70 marks are girls and 55% of the total number of students obtaining 70 marks or more but less than 90 marks are also girls,then the total number of girls obtaining 50 marks or more but less than 90 marks is:

(a) 261   **(b)** 207   **(c)** 236   **(d)** 257