RRB GROUP D

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 09

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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10 Years of Excellence

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10 Years of Excellence

Total: 100 Que.	RRB Group D 2025 - Set 09 English Language	Time: 90 Min.

Group D

1). Which of the following is wrong when it comes to dairy farm management?

(a) Selection of good breeds

(b) Breed should be resistant to many types of diseases

(c) Breed should have high yielding potential under any climatic condition.

(d) The feeding of breed should be carried out scientifically.

2). Fungi, bacteria, virus cause diseases in plants too. Which of the following is a disease caused by fungi?

(a) late blight of potato   **(b)** black rot of crucifers

(c) tobacco mosaic,   **(d)** turnip mosaic

3). Read the following statements.

i. Zoological parks, botanical gardens and wildlife safari parks serve the purpose of in situ conservation of biodiversity.

ii. The Western Ghats & Sri Lanka, Himalaya and Indo-Burma are biodiversity hotspots in India.

iii. The ethical argument for conserving biodiversity says that humans derive direct economic benefits from nature.

iv. Endemism is the state of a species confined to a particular region and not found anywhere else.

Which of these are the correct ones?

(a) I & III   **(b)** II & III   **(c)** II & IV   **(d)** I & IV

4). Productivity is expressed in terms of _____

(a) g-2 yr-1   **(b)** kg   **(c)** kg/m2   **(d)** J/m3

5). Which phenomenon is responsible for the heating of the Earth's surface and atmosphere?

(a) Algal Bloom   **(b)** Eutrophication

(c) Greenhouse effect   **(d)** Biomagnification

6). What is the conversion of a forested area into a non-forested one called?

(a) Deforestation   **(b)** Afforestation

(c) Desertification.   **(d)** Reforestation

7). Which of the following is not the cause of biodiversity losses?

(a) Habitat loss and fragmentation

(b) Over-exploitation   **(c)** Co-extinction

(d) Genetic drift

8). Which of the following is the indirect benefits of the ecosystem?

(a) Firewood   **(b)** Food   **(c)** Flood control

(d) Pharmaceuticals

9). The 'Molecular Scissors' used in cutting of the DNA at specific places are?

(a) Restriction enzymes   **(b)** Vectors   **(c)** Plasmid

(d) Origin of replication

10). In Jhum cultivation, which of the following is used as the fertilizer?

(a) Cow Dung   **(b)** Kitchen waste

(c) Ash of burnt plant remains

(d) Slurry of dry leaves

11). The first restriction endonuclease was?

(a) EcoRI   **(b)** pBR322   **(c)** BamH I   **(d)** Hind II

12). The major product obtained on reaction of phenol with sodium hydroxide and carbon dioxide is

(a) Benzoic acid   **(b)** Salicylaldehyde

(c) Salicylic acid   **(d)** Phthalic acid

13). A liquid was mixed with ethanol and a drop of concentrated H_2SO_4 was added. A compound with a fruity smell was formed. The liquid was

(a) CH_3OH **(b)** HCHO   **(c)** CH_3COCH_3

(d) CH_3COOH

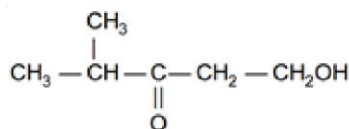**14).** Which of the following presents the correct order of the acidity in the given compounds?

(a) $CH_3COOH > BrCH_2COOH > ClCH_2COOH > FCH_3COOH$

(b) $FCH_2COOH > CH_3COOH > BrCH_2COOH > ClCH_2COOH$

(c) $BrCH_2COOH > ClCH_2COOH > FCH_2COOH > CH_3COOH$

(d) $FCH_2COOH > ClCH_2COOH > BrCH_2COOH > CH_3COOH$

---

15). The IUPAC name of following structure is

(a) 1-Hydroxy-4-methylpentan-3-one

(b) 2-Methyl-5-hydroxy-3-pentanone

(c) 4-Methyl-3-oxo-1-pentanol **(d)** Hexanol-1-one-3

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16). The stabilization of the dispersed phase in a lyophobic sol is due to

(a) The viscosity of the medium

(b) The surface tension of the medium

(c) Affinity for the medium

(d) The formation of an electrical double layer between the two phases

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17). Most effective coagulant for a colloidal solution of arsenic sulphide in water is

(a) 0.1 M sodium phosphate **(b)** 0.1 M zinc sulphate

(c) 0.1 M zinc nitrate **(d)** 0.1 M aluminium chloride

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18). When SO_2 gas is bubbled into H_2S gas

(a) Lyophillic sol of sulphur is formed

(b) Lyophobic sol of sulphur is formed

(c) Suspension of water and sulphur is formed

(d) A true solution of sulphur in water is formed

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19). The electrical energy dissipated per unit time is the

(a) Resistance **(b)** Potential difference

(c) Resistivity **(d)** Power dissipated

---

20). A potentiometer is used for

(a) Comparing two currents **(b)** Comparing two emfs

(c) Measuring current **(d)** Measuring resistance

---

21). If the distance between two charged particles is reduced by half, the force between them becomes

(a) Double **(b)** One half **(c)** Four times

(d) one-fourth

---

22). What is the commercial unit of electrical energy?

(a) watt **(b)** kilowatt **(c)** kilowatt hour joule

(d) Joule

---

23). The SI unit of capacitance is

(a) coulomb **(b)** volt **(c)** ampere **(d)** farad

---

24). What is the direction of the dipole moment of an electric dipole?

(a) It has no direction.

(b) From negative charge to positive charge along the axis of the dipole.

(c) From positive charge to negative charge along the axis of the dipole.

(d) Perpendicular to the axis of the dipole.

---

25). What is the direction of drift velocity of an electron in a metal?

(a) In the direction of the applied electric field

(b) In the direction opposite to that of the applied electric field.

(c) Perpendicular to the direction of the applied electric field

(d) Independent of the direction of electric field.

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26). Each consonant in the word CORDIAL is changed to the previous letter in the English alphabet and each vowel is changed to the next letter in the English alphabet and the letters, so obtained are rearranged in alphabetical order. Which of the following will be the second from the right end after the rearrangement?

(a) Q **(b)** K **(c)** P **(d)** B

Directions: Each of the following questions consists of a question and two statements I and II. You have to decide whether the data given in the statements are sufficient to answer the question. Read both the statements

27).
Among A, B, C, D and E, each having scored different marks in an exam, who has scored the lowest marks?

I. D has scored more marks than only three of them.
II. A has scored more marks than only E.

28). A person moves 400 metres to East. He turns to his left and moves 400 metres. Then again, he turns to his left and walks 400 metres. Finally, he turns to his right and moves 100 metres. Now, how far away in metres, is he from the starting point?

(a) 1300   **(b)** 900   **(c)** 800   **(d)** 500

29). In the following question, some statements followed by some conclusions are given. 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 conclusions logically follows the given statements.

Statements:
1) All parrots are chicks.
2) All birds are chicks.
Conclusions:
I. Some birds are parrots.
II. Some chicks are parrots.

(a) Both conclusion I and conclusion II follow

(b) None of the two conclusions follows

(c) Only conclusion I follows

(d) Only conclusion II follows

30). Raj is facing north, he cycles for 8 km, then turns towards the southeast direction to move 10 km and from there, he moves 6 km towards the west. In which direction/place, is he from his original position?

(a) North   **(b)** East   **(c)** West

(d) At the original position

31). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
10, 17, 25, 37, 58, 95, ?

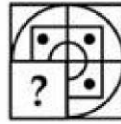**(a)** 150   **(b)** 157   **(c)** 105   **(d)** 127

32). Ram is facing towards the south. He turns to his left and moves 40 km, and then turns to his right and moves 50 km more. Finally, he turns to his left again and moves 60 km. Which direction is he facing now?

(a) East   **(b)** West   **(c)** North   **(d)** South

33). Rohit's birthday is on Tuesday 15th March. On what day of the week will be Priya's birthday in the same year if Priya was born on 28th August and the year was a leap year?

(a) Monday   **(b)** Tuesday   **(c)** Friday   **(d)** Sunday

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

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

36). Six people are sitting in two parallel rows containing three people each, in such a way that there is an equal distance between adjacent persons. In row 1, A, B and C are seated and all of them are facing south. In row 2, P, Q and R are seated and all of them are facing north. Therefore, in the given seating arrangement each member seated in a row faces another member of the other row. A is an immediate neighbour of C who is opposite to P who is at immediate left of Q. A is one of the extreme rights ends.
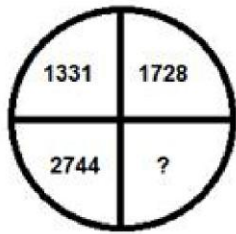Who is opposite to Q?

(a) (A)   **(b)** (B)   **(c)** (C)   **(d)** (D)

37). A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.
3, 4, 6, 8, 12, 14, 18, ?

(a) 21   **(b)** 22   **(c)** 20   **(d)** 24

38). In the following question, select the missing number from the given alternatives.

(a) 2295   (b) 2096   (c) 2197   (d) 2744

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39). In a certain code language, "MATHS-TET" is written as "16". How is "BOOK-BOY" written in that code language?

(a) 1   (b) 2   (c) 3   (d) 4

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40). Which letter will replace the question mark(?) in the following series?
V, A, H, Q, B, ?

(a) P   (b) G   (c) O   (d) S

---

41). There are 200 individuals with a skin disorder, 120 had been exposed to the chemical C1, 50 to chemical C2, and 30 to both the chemicals C1 and C2 . Find the number of individuals exposed to Chemical C1 but not chemical C2.

(a) 90   (b) 50   (c) 30   (d) 120

---

42). After starting from his house. Naren walked a few meters towards the east. From there, he took a right turn and walked 80 m, and then took a left turn and walked 20 m. Finally, he took a right turn again and walked 40 m to reach the hospital, if the air distance between his house and the hospital is 130 m. how far did Naren walk towards the east initially?
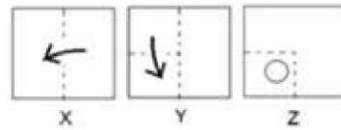
(a) 50 m   (b) 25 m   (c) 40 m   (d) 30 m

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43). Select the correct mirror image of the given figure when the mirror is placed on the right of the figure.

(a)   (b)
(c)   (d)

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44). Given is a set of three X, Y and Z, showing the folding sequence of a piece of paper. Fig Z shows the manner in which the folded paper has been cut. Study these figures carefully and select the option that would most closely resemble this piece of paper when unfolded.
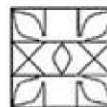

(a)   (b)   (c)

(d)

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45). Select the Venn diagram from the options which represent the relationship among the given words.
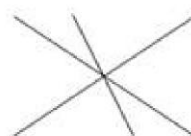Indonesia, Asia, Bangladesh

(a)   (b)

(c)   (d)

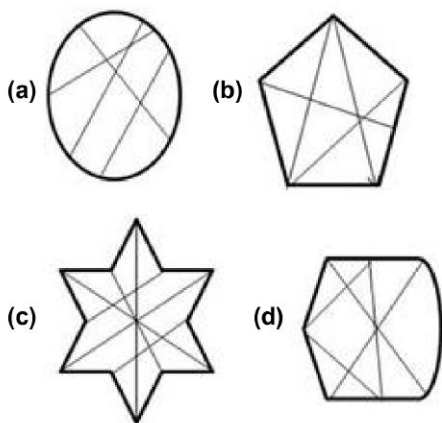**46).** Select that option which is embedded in the question figure.
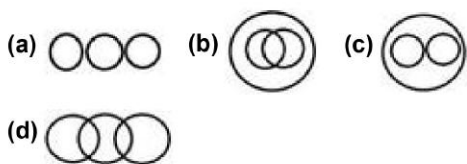

(a)   (b)   (c)

(d)

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47). Select the option in which the given figure is embedded.

48). Select the Venn diagram that represents the correct relationship between the following classes:
Table, Stationery, Carpet

49). Select the word-pair in which the two words are related in the same way as the two words in the given word-pair.

Ice cream : Freezer

(a) Coal : Water   **(b)** Table : Chair   **(c)** Money : Mine

(d) Arrows : Quiver

50). In a certain code language, R is written as J, M is written as U, A is written as K, Y is written as C, I is written as F and P is written as B . How will 'PRIMARY' be written as in that language?

(a) BJFUKJC   **(b)** BJFUKLD   **(c)** HEGUKJC

(d) BJSREJC

51). There are five different cottages, M to Q in a row. M is to the right of N and Q is to the left of O and right of M. N is to the right of P. The first cottage from the left is _____.

(a) M   **(b)** N   **(c)** P   **(d)** Q

52). In the following question, select the related word from the given alternatives.

Steel : Alloy :: Zinc : ?

(a) Metal   **(b)** Non-metal   **(c)** Salt   **(d)** Halogen

53). In the following question, one statement is followed by two Assumptions I and II. You have to consider the statement to be true, even if they seems to be at variance from commonly known facts. You have to decide which of the given assumption(s), if any, follow(s) from the given statement.

Statement: "If you disturb me, I will complain to the teacher" a student warns his friend.

Assumptions:
I. With the warning, the friend may stop disturbing him.
II. All friends are arrogant.

(a) If only assumption I is implicit.

(b) If only assumption II is implicit.

(c) If neither I nor II is implicit.

(d) If both I and II are implicit.

54). A question and three statements labelled (I), (II) and (III) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question: Ram, Sham, Vinit, Aman, and Manish are sitting in a row. Who is sitting the middle?

Statements:

I. Sham is between Manish and Vinit.

II. Sham is to the right of Manish.

III. Aman is between Ram and Manish.

(a) Only statement I is sufficient.

(b) Statement II and III together are sufficient.

(c) Data is not sufficient.

(d) Both I, II and III together are sufficient.

55). If the word CREATIVE is coded as 51483674, the word REAL is coded as 1489, then how will word LITTLE be coded?

(a) 966394   **(b)** 963394   **(c)** 963994   **(d)** 969394

56). Three successive discounts of 12%, 13% and 11% are equivalent to an approximate single discount of:

(a) 32%   **(b)** 40 %   **(c)** 42 %   **(d)** 35 %

57). A and B can do a job in 10 days and 5 days, respectively. They worked together for two days, after which B was replaced by C and the work was finished in the next three days. How long will C alone take to finish 40% of the job?

(a) 15 days   **(b)** 18 days   **(c)** 10 days   **(d)** 12 days

58). If 14331433 × 1422 × 1425 is divided by 10, then what is the remainder?
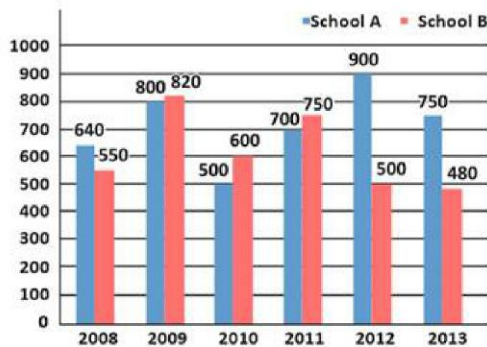
(a) 9   **(b)** 0   **(c)** 3   **(d)** 8

59). A person sold an article at a loss of 16%. Had he sold it for ₹660 more, he would have gained 8%. If the article is sold at ₹3,080 then how much profit percentage is gained?
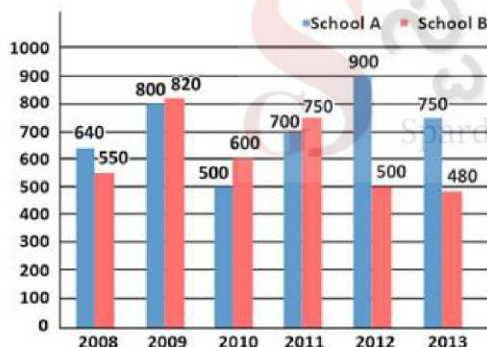
(a) 20%   (b) 15%   (c) 12%   (d) 10%

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60). **Direction:** The given bar graph shows the number of students of two schools over a period of six years.

In the bar graph, in which year is the absolute difference of the students from schools A to B taken together, the maximum?

(a) 2010   (b) 2013   (c) 2012   (d) 2011

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61). **Direction:** The given bar graph shows the number of students of two schools over a period of six years.

In the bar graph, what is the ratio of the students taken for years the 2008, 2012, 2013 together from school A to the students taken for the years 2009, 2010, 2011 together from school B?

(a) 217 : 229   (b) 118 : 251   (c) 229 : 217

(d) 251 : 118

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62). A takes 2 hours 30 minutes more than B to walk 40 km. If A doubles his speed, then he can make it in 1 hour less than What is the average time taken by A and B to walk a 40 km distance?

(a) 5 hours 45 minutes   (b) 7 hours 15 minutes

(c) 5 hours 15 minutes   (d) 6 hours

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63). Two pipes A and B can fill a tank in 12 hours and 18 hours respectively. Both pipes are opened simultaneously. In how much time will the empty tank be filled completely?

(a) 8 hours   (b) 10 hours 24 minutes

(c) 9 hours 30 minutes   (d) 7 hours 12 minutes

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64). The perimeter of a square is half the perimeter of a rectangle. The perimeter of the square is 40 m. If its breadth is two-thirds of its length, then what is the area (in m2) of the rectangle?

(a) 400   (b) 196   (c) 384   (d) 321

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65). A, B and C started a business investing amounts of ₹13,750, ₹16,250 and ₹18,750, respectively. If B's share in the profit earned by them is ₹5,200. What is the difference in the profit (in ₹) earned by A and C?

(a) 1,800   (b) 1,500   (c) 1,600   (d) 1,200

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66). If $4(\cosec 257° - \tan 233°) - \cos 90° + y \times \tan 266° \times \tan 224° = y/2$ then the value of y is:
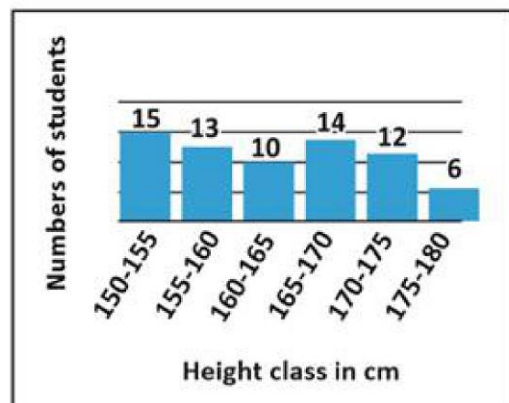
(a) -4   (b) 8   (c) 4   (d) -8

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67). A ladder leaning against a wall makes an angle θ with the horizontal ground such that $\tan\theta = \dfrac{12}{5}$.
If the height of the top of the ladder from the wall is 24 m, then what is the distance (in m) of the foot of the ladder from the wall?

(a) 18   (b) 19.5   (c) 10   (d) 7.5

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68). **Direction:** The given histogram shows the height of the students.

What is the percentage of students whose height is in the class interval 165-175?(correct to the nearest integer)

(a) 34   (b) 25   (c) 39   (d) 37

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69).
The value of $\dfrac{40 + \frac{3}{4} \times 32}{37 + \frac{3}{4} \times (34 - 6)}$ is:

(a) $-1\dfrac{3}{29}$ (b) $1\dfrac{9}{29}$ (c) $2\dfrac{3}{29}$ (d) $1\dfrac{3}{29}$

70). The average of twelve numbers is 39. The average of the last five numbers is 35, and that of the first four numbers is 40. The fifth number is 6 less than the sixth number and 5 more than the seventh number. The average of the sixth and seventh numbers is:

(a) 47.5   **(b)** 44.5   **(c)** 39   **(d)** 50

71). A person invested ₹12,000 on simple interest for 7 years to obtain a total amount of ₹20,400 on a certain annual rate of interest. What was the rate of interest to obtain the above amount?

(a) 10%   **(b)** 8%   **(c)** 9%   **(d)** 7%

72). Seven years ago, the ratio of the ages of A and B was 4: 5. Eight years hence, the ratio of the ages of A and B will be 9 : 10. What is the difference between their present ages in years?

(a) 4   **(b)** 2   **(c)** 3   **(d)** 6

73). A person was standing on a road near a mall. He was 1215 m away from the mall and able to see the top of the mall from the road in such a way that the top of a tree, which is in between him and the mall, was exactly in line of sight with

the top of the mall. The height of tree is 20 m and it is 60 m away from him. How tall (in m) is the mall?

(a) 375   **(b)** 300   **(c)** 405   **(d)** 250

74). What is the sum of the digits of the least number which when divided by 15, 18 and 36 leaves the same remainder 9 in each case and is divisible by 11?

(a) 16   **(b)** 17   **(c)** 15   **(d)** 18

75). If decreasing 110 by X% gives the same result as increasing 50 by x%, then x% of 650 is what percentage (correct to the nearest integer) more than (x - 10) % of 780?

(a) 17%   **(b)** 12%   **(c)** 18%   **(d)** 14 %

76). Pipes A and B can fill a tank in 16 hours and 24 hours respectively, whereas pipe C can empty the full tank in 40 hours. All the three pipes are opened together, but pipe C is closed after 10 hours. After how many hours will the remaining part of the tank be filled?

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

77). A is twice as good a workman as B, and together they finish a piece of work in 13 days. In how many days, will A alone finish the work?

(a) 41   **(b)** $19\frac{1}{2}$ **(c)** $9\frac{1}{2}$ **(d)** 39
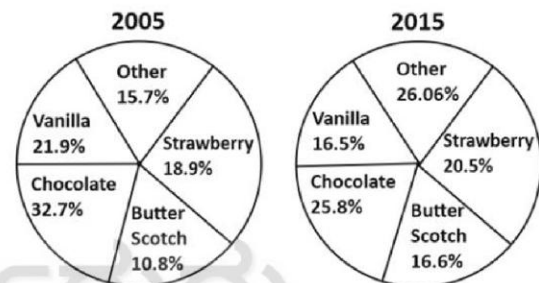
78). The value of

$$\frac{5.35 \times 5.35 \times 5.35 + 3.65 \times 3.65 \times 3.65}{53.5 \times 53.5 + 36.5 \times 36.5 - 53.5 \times 36.5}$$ is:

(a) 0.9   **(b)** 90   **(c)** 0.09   **(d)** 9

79). A train x running at 74 km/h crosses another train y running at 52 km/h in the opposite direction in 12 seconds. If the length of y is two-thirds that of x, then what is the length of y (in m)?

(a) 252   **(b)** 200   **(c)** 168   **(d)** 210

80). Direction: The given pie chart represents the popularity of ice-cream flavours in the year 2005.

In 2005, if 40% of the 'other' category' is mix fruit flavour and 1570 people surveyed preferred mix fruit flavour, then how many people were surveyed?

(a) 50,000   **(b)** 75,000   **(c)** 25,000   **(d)** 10,000

81). When did India participate in the Commonwealth Games for the first time?

(a) 1930   **(b)** 1934   **(c)** 1938   **(d)** 1942

82). Where is the highest hockey ground in India?

(a) Gangtok   **(b)** Silaru   **(c)** Jammu and Kashmir
(d) Leh

83). The viceroy of India in the year 1919 was-

(a) Lord Hardinge   **(b)** Lord Curzon
(c) Lord Chelmsford   **(d)** Lord Irwin

84). The First World War altered the economic and political situation in India. It led to a huge rise in the_____ expenditure of the Government of India.

(a) Defence   **(b)** Capital   **(c)** Revenue
(d) Non-Revenue

85). The INSPIRE Awards – MANAK scheme has been launched for the students belonging to which age group?

(a) 10-15 years   **(b)** 12-17 years   **(c)** 15-18 years

(d) 12-14 years

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86). Pradhan MantriGraminAwasYojana was earlier known as-

(a) Indira AwasYojana

(b) Option B:Nehru AwasYojana

(c) Rajiv AwasYojana   **(d)** RashtriyaAwasYojana

---

87). Sultan Iltumish won Universal respect for constructing a large _____ called the Hauz-i-Sultani.

(a) Reservoir   **(b)** Pillar   **(c)** Mosque   **(d)** Tomb

---

88). Arrange the following parts of Nagara style Temple from North to South.

(a) Kalash, Shikhar, Garbagrah, Pitha

(b) Shikhar, Kalash, Garbagraha, Pitha

(c) Garbagraha, Pitha, Kalash, Shikhar

(d) Garbagraha, Kalash, Shikhar, Pitha

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89). Recently, which state government has approved the new excise policy for 2025-2026?

(a) Madhya Pradesh   **(b)** Uttar Pradesh

(c) Haryana   **(d)** Punjab

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90). Who has been appointed as the new head of Citibank India recently?

(a) K. Balasubramaniam   **(b)** Harsh Kumar

(c) RP Thakur   **(d)** None of the above

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91). _____, a Sufi poet, contributed to the evolution of Qawwali.

(a) Al-Biruni   **(b)** Amir Khusro   **(c)** Al-Zahrawi

(d) Al-Mutanabbi

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92). '72 Melakartas' of Carnatic music was written by-

(a) Purandardas   **(b)** Venkatamakhi

(c) SyamaSastri   **(d)** MuttusvamiDikshitar

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93). Mahavir Jayanti is celebrated in the month-

(a) December- January   **(b)** March- April

(c) October-November   **(d)** June-July

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94). Thai month is related to which of the following Indian states?

(a) Tamil Nadu   **(b)** Assam   **(c)** Mizoram

(d) Chhattisgarh

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95). Which of the following dance forms does not belong to Rajasthan?

(a) Ghoomar   **(b)** Jat-Jatin   **(c)** Chari   **(d)** Chakri

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96). Bamboo staves are used in which of the following dance?

(a) Chang Lo   **(b)** Cheraw   **(c)** Bhortal Dance

(d) Hojagiri

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97). In which year the right of Children to Free and Compulsory Education Act was enacted?

(a) 2009   **(b)** 2001   **(c)** 2005   **(d)** 2010

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98). Reena first time voted in her state election. What should be her minimum age for voting?

(a) 21   **(b)** 25   **(c)** 18   **(d)** 22

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99). What does F stands for in the term FTP?

(a) Free   **(b)** Foreign   **(c)** Federal   **(d)** Forex

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100). What does I stands for in the term ………. property (IP)?

(a) Intelligent   **(b)** Incremental   **(c)** Intellectual

(d) Induction