# RRB NTPC

## TEST SERIES

DATE- __/__/__

DAY-_____

INSTRUCTION FOR CANDIDATE

**TEST SERIES NO.**

SG Set 19

**QUESTION- 100     MARKS- 100     NEGATIVE MARK- 1/3     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 1/3 MARKS WILL BE DEDUCTED FOR EACH WRONG ANSWER.

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| Total: 100 Que. | RRB NTPC Set 19 | Time: 90 Min. |
| --- | --- | --- |

## RRB NTPC CBT I

**1).** In which season Kharif and Rabi Crops are grown respectively?

**(a)** Winter, rainy     **(b)** Summer, rainy

**(c)** Rainy, winter     **(d)** Spring, summer

**2).** Which among the following is not a name of slash and burn agriculture?

**(a)** Jhum     **(b)** Milpa     **(c)** Steppe     **(d)** Dahiya

**3).** Adjournment Motion can be introduced in

**(a)** Rajya sabha only     **(b)** Lok sabha only

**(c)** Rajya sabha and Lok sabha both

**(d)** 100 members required to introduce it in Rajya sabha

**4).** In Tamil literature, the glorious books 'Silappadikaram and Manimekalai' were written by

**(a)** Chathanar and Adigal     **(b)** Navalar and Pillai

**(c)** Swaminathan Aiyar and Nagarjuna

**(d)** Subramaniam Bharathi

**5).** Provisions related to Tribunals are mentioned in which Part of the constitution?

**(a)** XII     **(b)** XIII     **(c)** XIV     **(d)** XIVA

**6).** The justiciability of the Fundamental Rights and the non-justiciability of the Directive Principles of State Policy, an essential feature of the Indian Constitution, has been adopted from which of the following sources?

**(a)** Constitution of Ireland     **(b)** Weimar Constitution

**(c)** Canadian Constitution

**(d)** Constitution of Australia

**7).** The Guillotine closure motion refers to

**(a)** many un-discussed clauses of bill put to vote together

**(b)** the causes or a lengthy resolution are grouped into parts for debate

**(c)** for breach of parliamentary privilege

**(d)** sudden closure of a matter to give importance to new urgent matter

**8).** Consider the following statements about Panchayati Raj System in India and choose the incorrect one:

**(a)** Gram Sabha is given constitutional status.

**(b)** Three tier Panchayati Raj system is prevalent in country.

**(c)** Ashok Mehta Committee recommended three-tier system of PRIs in India.

**(d)** Article 243K mentions State Election commission.

**9).** Loktak lake of Manipur is an example of which type of drainage pattern system?

**(a)** Dendritic System     **(b)** Radial System

**(c)** Centripetal System     **(d)** Trellis System

**10).** Which of the following is not true about Black Soil?

**(a)** It is also known as Regur soil.

**(b)** Black soil is good for cotton cultivation.

**(c)** It is rich in nitrogen and phosphorous.

**(d)** It has a self ploughing characteristic.

**11).** Which among the following is a leguminous crop?

**(a)** Rice     **(b)** Gram     **(c)** Millets     **(d)** Cotton

**12).** All India Trade Union Congress was established in 1920. Its first president was

**(a)** Lala Lajpat Rai     **(b)** Jawaharlal Nehru

**(c)** MN Roy     **(d)** SA Dange

**13).** In which year, Part 'C' States and Part 'D' Territories were constituted as the 'union territories'?

**(a)** 1955     **(b)** 1956     **(c)** 1957     **(d)** 1958

**14).** Who among the following decides the doubts and disputes in connection with election of the

Vice-President?

(a) Supreme Court of India

(b) Attorney General of India   (c) Parliament

(d) President

15). How many days/months' notice is mandatory for initiating any civil proceedings against the President of India?

(a) 30 days   (b) 45 days   (c) 2 months

(d) 3 months

16). Which among the following article under DPSP is a liberal-intellectual principle?

(a) Article 40   (b) Article 43   (c) Article 43B

(d) Article 44

17). Which among the following Fundamental Duty has been matched incorrectly?

(a) Article 51A (a) - to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem.

(b) Article 51A (d) to defend the country and render national service when called upon to do so.

(c) Article 51A (f) to uphold and protect the sovereignty, unity and integrity of India.

(d) Article 51A (g) to protect and improve the natural environment including forests, lakes, rivers and wildlife, and to have compassion for living creatures.

18). Which among the following statement regarding the Preamble of Indian Constitution is incorrect?

(a) The term 'secular' was added to the Preamble of the Indian Constitution by the 44th Constitutional Amendment Act of 1978.

(b) Ideal of justice in the Preamble are borrowed from the Soviet Union Constitution.

(c) Republic and the ideals of liberty, equality and fraternity are borrowed from the French Constitution.

(d) Preamble, in itself, has been first introduced through the American Constitution.

19). When the nucleus of uranium is bombarded with neutrons, it breaks up into two of nearly equal mass. The process is called :

(a) Radiation   (b) Fusion   (c) Fission

(d) Emission

20). Newton's First law of Motion is also known as

(a) Principle of Inertia   (b) Causality Principle

(c) Constancy Principle   (d) Principle of Relativity

21). Which of the following is not a radioactive particle?

(a) Alpha   (b) Delta   (c) Beta   (d) Gamma

22). A vector is a physical quantity which has:

(a) Mass and volume   (b) Density and tension

(c) Inertia and stress   (d) Magnitude and direction

23). Which of the following sectors in prohibited under FDI?

(a) Insurance Business   (b) Lottery Business

(c) Agriculture   (d) All of above

24). Which of the following is the core banking solution of Reserve Bank of India?

(a) E-Kartikey   (b) E-Kuber   (c) E-Maya

(d) E-Money

25). When the cash reserve ratio (CRR) is increased by RBI, what will be its impact?

(a) Increase the supply of money in the economy

(b) Decrease the supply of money in the economy

(c) No impact on the supply of money in economy

(d) Initially increase then decrease in liquidity in market

26). Which CPI index is released by Central Statistics Office?

(a) CPI – Industrial Workers

(b) CPI – Agricultural labourer

(c) CPI – Rural Labourer

(d) CPI (Rural,Urban,Combined)

27). Which British officer created split between the Pindari rulers?

(a) Lord Hastings   (b) Lord Cornwalis

(c) Lord Adam   (d) Lord Minto I

28). Bappa Rawal defeated which Maurya king and took control of the fort of Chittor?

(a) Chitrangad   (b) Maan Mori   (c) Dhawal

(d) Brihdrath

**29).** The headquarters of Organization for Economic Cooperation and Development (OECD) is located in

(a) Geneva, Switzerland    (b) Vienna, Austria

(c) London, United Kingdom    (d) Paris, France

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**30).** The term "Green GNP" emphasizes:

(a) Increase in per capita income

(b) Rapid growth of GNP

(c) Sustainable development

(d) Economic development

---

**31).** Madhavan Nambiar, who has been given the Padma Shri award recently, has been the coach of which of the following player?

(a) PV Sindhu    (b) Sushil Kumar    (c) Sunil Chhetri

(d) PT Usha

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**32).** What is the ranking of India in "World Happiness Report 2020"?

(a) 156$^{th}$    (b) 102$^{nd}$    (c) 144$^{th}$    (d) 133$^{rd}$

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**33).** The "National Girl Child Day 2021" is observed on which day of January?

(a) 10 January    (b) 4 January    (c) 9 January

(d) 24 January

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**34).** The Defence Minister of India, Rajnath Singh has unveiled a driverless metro car for Mumbai Metropolitan Region Development Authority (MMRDA). Driverless metro train has been manufactured by

(a) BEL    (b) DRDO    (c) ICF    (d) BEML

---

**35).** Which of the following is/are not the function of State Election Commission?

(a) Election to legislative assemblies of the state

(b) Election to municipalities of the state

(c) Election to Panchayats of the state

(d) All of the Above

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**36).** Which of the following articles provide the power of Writ Jurisdiction to high courts?

(a) Article 224    (b) Article 226    (c) Article 32

(d) Article 34

---

**37).** Which of the following amendment acts of the constitution provided for a single high court for

more than two states?

(a) 7$^{th}$ Constitutional Amendment

(b) 8$^{th}$ Constitutional Amendment

(c) 6$^{th}$ Constitutional Amendment

(d) 5$^{th}$ Constitutional Amendment

---

**38).** Which of the following states do not have bicameral legislature?

(a) Andhra Pradesh    (b) Telangana

(c) Uttar Pradesh    (d) Rajasthan

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**39).** Which of the following are appointed by the governor of the state?

(a) Advocate General

(b) The state election commissioner

(c) The chairman of the state public service commission

(d) All of the Above

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**40).** Which of the following constitutional amendments of the constitution made provisions of a person to be made governor of two or more states?

(a) 7$^{th}$ Constitutional Amendment

(b) 8$^{th}$ Constitutional Amendment

(c) 6$^{th}$ Constitutional Amendment

(d) 5$^{th}$ Constitutional Amendment

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**41).** How many such pairs of letters are there in the word 'FREQUENT', each of which has as many letters between them in the word (in both forward and backward directions) as they have between them in the English alphabetical series?
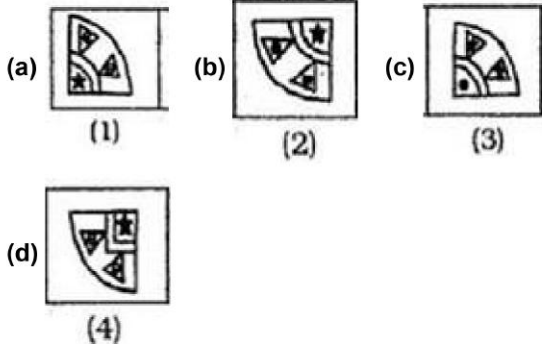
(a) None    (b) One    (c) Two    (d) Three

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**42).** Rachel starts walking towards North. After walking 15 metres, she turns towards South and walks 20 metres. She then turns towards East and walks 10 metres. Then, again, she walks 5 metres towards North. How far is she from her starting point and in which direction?
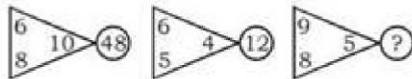
(a) 10 metres, West    (b) 5 metres, East

(c) 5 metres, North    (d) 10 metres. East

---

**43).** Which answer figure will complete the question figure?

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

(d) (4)



(a)  (b)  (c)

(d)

**44).** In the following question, select the missing number from the given responses.



(a) 24   (b) 32   (c) 36   (d) 28

**45).** Anitha walked 20 km towards north. Then she turned right and walked 30km. Then she turned right and travelled 35 km. Then she moved left and walked 15 km. Finally she turned left and walked 15 km. In which direction is she from the starting point?

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

**46).** Consider the given statement/s to be true and decide which of the given conclusions/assumptions can definitely be drawn from the given statement.
Statement:
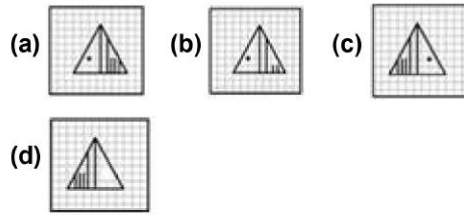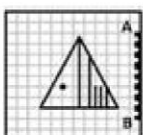1) Some girls are stars.
2) Meena is a girl.
Conclusion:
I. Meena is a star.
II. Some stars are not girls is a possibility.

(a) Only Conclusion I follows

(b) Only Conclusion II follows

(c) Both Conclusions I and II follows

(d) Neither conclusion I nor II follows

**47).** Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held on the line AB ?



**48).** A father asks his son " A group of the alphabets are given with each being assigned a number. These have to be unscrambled into a meaningful word and correct order of letters may indicate from the given responses". What will be the correct sequence?

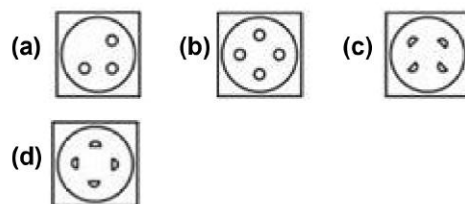| R | E | P | O | C | U | M | T |
|---|---|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

(a) 6,2,3,7,4,1,5,8   (b) 4,3,1,6,2,7,8,2

(c) 5,4,7,3,6,8,2,1   (d) 7,3,6,1,4,2,5,8

**49).** In the following question, select the missing number from the given alternatives.
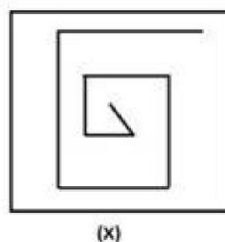
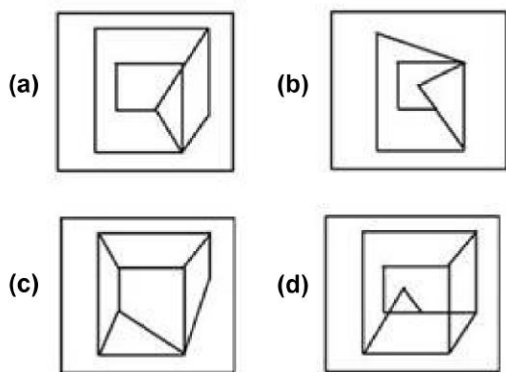| 10 | 9 | 8 |
|----|----|----|
| 9 | 11 | 8 |
| 5 | 3 | 4 |
| 18 | 33 | ? |

(a) 16   (b) 19   (c) 21   (d) 23

**50).** A piece of paper is folded and punched as shown below in the question figures. From the given answer figures, indicate how it will appear when opened?



(a)  (b)  (c)

(d)

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



(X)

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

**52).** A series is given, with one word missing. Choose the correct alternative from the given ones that will complete the series.
Bound, Factor, Habitat, Jealousy, ?

**(a)** Limonite   **(b)** Pacemaker   **(c)** Objections

**(d)** Magnetised

**53).** In the following question, two statements are given each followed by two conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions, if any, follows from the given statements.

Statements:
1. Only first division holders are admitted.
2. Ram is a first division holder.
Conclusions:
I. Ram is admitted.
II. Only Ram is admitted.

**(a)** Conclusion I follows   **(b)** Conclusion II follows

**(c)** Neither I nor II follows   **(d)** Both I and II follows

**54).** Shila is the daughter-in-law of Riya's mother-in-law. Riya's husband has a younger brother. How is Riya related to Shila?

**(a)** Sister   **(b)** Mother   **(c)** Daughter

**(d)** Sister-in-law

**55).** Pointing towards a man in a photograph Ram said, " He is the son of the mother of the brother of my sister". How is the man in the photograph related to Ram?
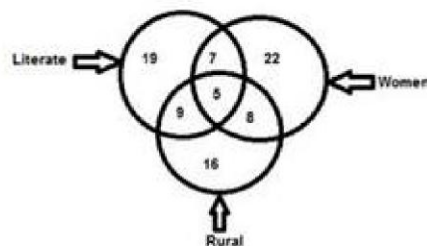
**(a)** Father   **(b)** Uncle   **(c)** Brother in law

**(d)** Brother

**56).** 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

**57).** In the following Venn-diagram, shows information about the women, rural and literate.



Which region represents rural literate women?

**(a)** 8   **(b)** 7   **(c)** 5   **(d)** 9

**58).** 'Knife' is related to 'Chef' in a same way 'Saw' is related to-

**(a)** Carpenter   **(b)** Labourer   **(c)** Farmer

**(d)** Mason

**59).** Which letter will replace the question mark (?) in the following series?

D, J, ?, S, V, X

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

**60).** In the following question, select the related number from the given alternatives.

3:5::8: ?

**(a)** 55   **(b)** 44   **(c)** 43   **(d)** 45

**61).** Six laptops P, N, Q, L, R and A, are placed in a row facing towards the north (not necessarily in the same order). N is placed to the immediate left of A. R is placed second to the left of Q. P is placed second to the right of A. P is placed to the immediate right of R. L is placed to the left of N. which laptop is placed to the immediate right of L?

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

**62).** In a certain code language, '6532' is written as '3467'. What will be the code for '7915' in that code language?

**(a)** 2084   **(b)** 3939   **(c)** 1463   **(d)** 2658

**63).** A question and two statements labeled (I) and (II) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question:

On which day of the week will Vimal celebrate his birthday?

Statements:

I. It is in February and 21$^{st}$ of February is a Tuesday.

II. It is on the last day of the month.

Select the right option from the following.

**(a)** Both the statements together are sufficient

**(b)** Statements II alone is sufficient

**(c)** Data insufficient

**(d)** Statement I alone is sufficient.

---

**64).** A question and two statement labeled (I) and (II) are given. You have to decide which statement(s) is/are sufficient to answer the question.

Question:

Among four friends – Arjun, Pavan, Neeraj and Sunil, who is the heaviest?

Statements:

I. Arjun and Pavan are of the same weight.

II. Pavan weighs more than Neeraj, but less than Sunil.

Select the right option from the following

**(a)** Statement I alone is sufficient.

**(b)** Both the statements together are needed.

**(c)** Statement II alone is sufficient.

**(d)** Either I or II alone are sufficient.

---

**65).** A question and two statements labeled (I), (II) are given. You have to decide which statement(s) is/are sufficient to answer the question.

What is Rashmi's rank in the class?
I. There are 25 students in the class.
II. There are 8 students who have scored less than Rashmi.

**(a)** Both the statements together are needed.

**(b)** Statement I alone is sufficient.

**(c)** Statement II alone is sufficient.

**(d)** Either I or II alone is sufficient.

---

**66).** 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: "The 'A' brand has the largest sale of all the cars manufactured in India".

Assumptions:

I. The manufacturing of brand 'A' cars is highest in India.

II. No other brand manufactures cars in India.

**(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.

---

**67).** Select the letter-cluster that can replace the question mark (?) in the following series.

FDB, KIG, PNL, USQ, ?

**(a)** YXZ    **(b)** XVZ    **(c)** VXZ    **(d)** ZXV

---

**68).** It was Monday on 1$^{st}$ January 2018 . What was the day of the week on 1$^{st}$ January 2010?

**(a)** Tuesday    **(b)** Thursday    **(c)** Friday

**(d)** Monday

---

**69).** If PINE is written as SLQH, then how will you write ATE?

**(a)** DWH    **(b)** WEI    **(c)** EWI    **(d)** EUG

---

**70).** You are given a question and two statements. Identify which of the statements is/are necessary/sufficient to answer the question.

Question: How is Rajesh related to Vijay?

Statement:
I. Rajesh is the only son of Vijay's mother-in-law.
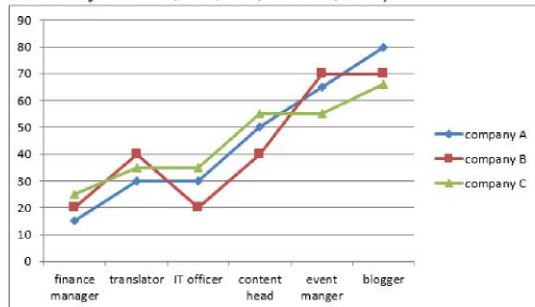
II. Veena is Rajesh's only sister.

**(a)** Data in I alone is sufficient

**(b)** Data in both I and II together are not sufficient

**(c)** Data either in I alone or II alone are sufficient

**(d)** Data in II alone is sufficient

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**71).** The average age of 30 students is 12 years in class. 15 students of average age 10 years left the class and 9 students of average age 12 years joined with them. Find the average age of the class.

(a) 8.45 years   (b) 16.36 years   (c) 13.25 years
(d) 12.45 years

---

Directions: Study the following line chart and answer the questions carefully.
The following line chart shows the appointment of 3 different companies in the year 2016 in different posts. (The appointment are multiples of 5 only. i.e 10, 15, 20,......75, 80.)



**72).** What is the average of the no. of employees selected by company A in all posts?

(a) 45   (b) 46.66   (c) 47.5   (d) 37.5

---

**73).** A number increased by $22\frac{1}{2}\%$ gives 98.

The number is
(a) 45   (b) 18   (c) 80   (d) 81

---

**74).** What is the value of:

$$\frac{3.6 \times 1.62 + 0.48 \times 3.6}{1.8 \times 0.8 + 10.8 \times 0.3 - 2.16}$$

(a) 2.4   (b) 2   (c) 4   (d) 3

---

**75).** What is the principal which will amount to Rs. 132 in 2 years at 5% simple interest per annum

(a) 110   (b) 120   (c) 130   (d) 140

---

**76).** A car travelling at a speed of 80 km/hour can complete a journey in 9 hours. How long (in hours) will it take to travel the same distance at 60 km/hours?

(a) 16   (b) 12   (c) 15   (d) 14

---

**77).** If A: B = 2: 3 and B: C = 4 : 5. Find A: C?

(a) 8:15   (b) 8:17   (c) 6:13   (d) 2:3

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**78).** $[1^3 + 2^3 + 3^3 + ......... + 9^3 + 10^3]$ is equal to

(a) 3575   (b) 2525   (c) 5075   (d) 3025

---

**79).** A person's salary has increased from Rs 7200 to Rs 8100. What is the percentage increase in the person's salary?

(a) 25%   (b) 40%   (c) $12\frac{1}{2}\%$   (d) 16%

---

**80).** The average mark obtained by a class of 80 students is 82 . The average marks of half of the students are found to be 125 . The average marks of the remaining students is-

(a) 39   (b) 52   (c) 79   (d) 42

---

**81).** If a = 1.25, b = -0.25 and c = 2.25, then find the value of $\dfrac{a^2 + b^2 - c^2 + 2ab}{b^2 - a^2 - c^2 + 2ac}$ :

(a) 0   (b) $4\frac{1}{3}$   (c) 1   (d) $3\frac{2}{3}$

---

**82).** Milk and water are mixed in vessel A in the ratio of 5:7 and in vessel B in the ratio 2:1. Now, a new mixture of 36 litre is made by mixing quantities of vessel A & B such that milk and water ratio in the new mixture becomes 5:4. Find the quantity of vessel A in new mixture.

(a) 12 litres   (b) 15 litres   (c) 18 litres
(d) 16 litres

---

**83).** If $5x + \dfrac{1}{3x} = 4$, then what is the value of

$9x^2 + \dfrac{1}{25x^2}$ ?

(a) $\dfrac{174}{125}$   (b) $\dfrac{114}{25}$   (c) $\dfrac{119}{25}$   (d) $\dfrac{144}{125}$

---

**84).** In an examination, 60% student passed in chemistry and 70% passed in math. 50% students passed in both and 40 students failed in both subjects. Find number of students passed in Math only.

(a) 30   (b) 40   (c) 50   (d) 60

---

**85).** The ratio of zinc to tin in two alloys are 5 : 3 and 6 : 2 respectively. 16 kg of the alloy A and 24 kg of the alloy B are mixed together to form a new alloy. What will be the ratio of zinc and tin in the new alloy?

(a) 7 : 3   (b) 3 : 7   (c) 4 : 3   (d) 3 : 4

---

**86).** What is the least number that when divided by 60, 84, and 96 leaves the remainders 28, 52, and 64 respectively?

**(a)** 3328   **(b)** 3392   **(c)** 3318   **(d)** 3360

---

**87).** Find the total surface area of a cylinder whose radius is equal to the radius of sphere having surface area 154 m² and height is twice the radius?

**(a)** 235 m²   **(b)** 231 m²   **(c)** 250 m²   **(d)** 254 m²

---

**88).** If Rs. 4200 is divided into 50 students, each boy receives Rs. 91 and each girl receives Rs. 81. How many boys and girls are present in the class?

**(a)** 35, 15   **(b)** 10, 40   **(c)** 15, 35   **(d)** 40, 10

---

**89).** Simplify:

$$4\frac{4}{5} \div 4\frac{1}{2} \, of \, 1\frac{3}{5} - \left( \frac{6}{16} + \frac{2}{14} \times 1\frac{3}{4} \right) + \frac{5 \times 2}{48}$$

**(a)** 1/4   **(b)** 1/3   **(c)** 1/6   **(d)** 1/7

---

**90).** The sum of the internal angles of a regular polygon is 1620°. What is the number of sides of the polygon?

**(a)** 12   **(b)** 9   **(c)** 10   **(d)** 11

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**91).** A car reaches its destination in time when moving with an average speed of 45 km/hr. But when it is moving at 30 km/hr, it is late by 10 minutes. Find the total distance of the journey?

**(a)** 30 km   **(b)** 15 km   **(c)** 20 km   **(d)** 10 km

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**92).** The marked price of an article is ₹840. After two successive discounts of 20% and x%, it is sold forRs. 638.40. What is the value of x?

**(a)** 10   **(b)** 5   **(c)** 15   **(d)** 12

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**93).** A and B can do work together in 18 days. A is three times as efficient as B. In how many days, can B alone complete the work?

**(a)** 72 days   **(b)** 64 days   **(c)** 60 days

**(d)** 54 days

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**94).** Two men and 7 women can complete a work in 28 days, whereas 6 men and 16 women can do the same work in 11 days. In how many days will 5 men and 4 women, working together, complete the same work?

**(a)** 20   **(b)** 18   **(c)** 14   **(d)** 22

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**95).** A shopkeeper bought an article at 40% discount on its marked price from a wholesaler and sold it for Rs. 930. If the shopkeeper earned a profit of 25%, then find the marked price of the article.

**(a)** Rs. 1080   **(b)** Rs. 1240   **(c)** Rs. 1320

**(d)** Rs. 1440

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**96).** In a simultaneous throw of three coins, the probability of getting at least two head is-

**(a)** 7/ 8   **(b)** 3/ 5   **(c)** 1/2   **(d)** 1/4

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**97).** Three dice (having numbers from 1 or 6) are rolled. What is the number of possible outcomes such that at least one dice shows the number 5?

**(a)** 72   **(b)** 91   **(c)** 120   **(d)** 80

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**98).** How many 5-letter words with or without meaning, can be formed out of the letters of the word, 'DIRECTLY', if repetition of letters is not allowed?

**(a)** 6720   **(b)** 5040   **(c)** 10080   **(d)** 7020

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**99).** The principal (in Rs.), which will amount to Rs.5955.08 in 3 years at the rate of 6% per annum compound interest is.

**(a)** 50000   **(b)** 5500   **(c)** 5000   **(d)** 2500

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**100).** If $\sqrt{45} + \sqrt{20} = 11.180$, find the value of $\sqrt{180} + 4\sqrt{5}$.

**(a)** 22.360   **(b)** 24.595   **(c)** 20.124   **(d)** 17.888