RRB RPF

TEST SERIES

DATE- __/__/__

DAY- _____

INSTRUCTION FOR CANDIDATE

TEST SERIES NO.

SG Set 07

QUESTION- 120   **MARKS- 120**   **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 120 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.
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Total: 120 Que.	RPF Set 07	Time: 90 Min.

General Awareness

1). Who used the pseudonym 'Bhanusingha'?

(a) Rabindranath Tagore   **(b)** Sunil Gangopadhya

(c) Michael Madhusudan Dutt

(d) Bankim Chandra Chattopadhya

2). Who holds the record of most 150-plus runs in a test match innings as a captain?

(a) Don Bradman   **(b)** Wally Hammond

(c) Virat Kohli   **(d)** Ricky Ponting

3). Which among the following regarding GST is correct?

(a) Centre holds 100 per cent stake in GST network.

(b) GST network was formed under Companies Act.

(c) The 100th Amendment introduced GST in the country.

(d) GST council is a statutory body.

4). Which of the following activities is also referred to as 'Gold Collar' profession?

(a) Secondary   **(b)** Primary   **(c)** Quaternary

(d) Quinary

5). Twin paradox is associated with:

(a) Quantum mechanics   **(b)** Hydrodynamics

(c) The theory of relativity   **(d)** Particle physics

6). Under which Article of the Constitution of India can the President promulgate an ordinance?

(a) Article 168   **(b)** Article 123   **(c)** Article 101

(d) Article 75

7). Which among the following combination is present in the higher amount in hard water?

(a) Calcium magnesium   **(b)** Calcium and sodium

(c) Sodium and manganese

(d) Sodium and magnesium

8). The famous mathematician Srinivasa Ramanujan was born in:

(a) Erode   **(b)** Kumbakonam

(c) Madras (now Chennai)   **(d)** Namakkal

9). At the location of which city in Assam, the river Brahmaputra goes south bound breaking away from its westward course and enters into Bangladesh?

(a) Tezpur   **(b)** Barpeta   **(c)** Dhubri

(d) Bongaigaon

10). Which among the following is the place of confluence of Alaknanda and Mandakini?

(a) Vishnuprayag   **(b)** Rudraprayag

(c) Devprayag   **(d)** Nandprayag

11). Which of the following is NOT an official language of the United Nations?

(a) Chinese   **(b)** Arabic   **(c)** English

(d) Japanese

12). Who has been re-elected as the President of PWC India recently?

(a) Noel Creen   **(b)** Sanjeev Krishnan

(c) Sanjay Mariwala   **(d)** Saurabh Dwivedi

13). In the context of NITI Aayog, what does 'T' stand for in NITI?

(a) Training   **(b)** Travelling   **(c)** Transforming

(d) Transferring

14). Baily's beads can be observed during a/an:

(a) Occultation of Jupiter   **(b)** Total solar eclipse

(c) Partial solar eclipse   **(d)** Lunar eclipse

15). In which year was the World Trade Organization established?

(a) 1952   **(b)** 1995   **(c)** 1942   **(d)** 1947

16). Which among the following has its latitude within one degree of that New Delhi?

(a) City of Dhaka   **(b)** Amarnath Cave

(c) City of Islamabad   **(d)** Mount Everest

17). With reference to the High Courts and their seats, which of the following pairs is correctly matched?

(a) Madhya Pradesh – Gwalior

(b) Uttarakhand – Nainital

(c) Odisha – Sambalpur

(d) Gujarat – Gandhinagar

18). Who holds the record of scoring the fastest goal (in the eleventh second) in a FIFA World Cup match?

(a) Pele   **(b)** Cristiano Ronaldo   **(c)** Hakan Sukur

(d) Kylian Mbappe

19). Which among the following is responsible for the rotation of the plane of oscillation of Foucault's pendulum?

(a) Coriolis force   **(b)** Centrifugal force

(c) Centripetal force   **(d)** Viscous drag of air

20). What was the party affiliation of EMS Namboodiripad?

(a) CPI   **(b)** SUCI   **(c)** CPI(M)

(d) Kerala Congress

21). Who among the following received the Sahitya Akademi Award in 1968?

(a) Harivansh Rai Bachchan   **(b)** Kaifi Azmi

(c) Amrita Pritam   **(d)** Buddadeb Basu

22). Who is the first woman to have been awarded the Yudh Seva Medal?

(a) Minty Agarwal   **(b)** Shaliza Dhami

(c) Aparna Kumar   **(d)** Bhawana Kanth

23). The name of which disease among the following means 'evil influence of the stars'?

(a) Typhoid   **(b)** Cholera   **(c)** Influenza

(d) Plague

24). 'Powa Mecca' in Assam is the tomb of _____.

(a) Shujauddin Mohammed Shah

(b) Pir Giasuddin Auliya   **(c)** Sheikh Salim Chisti

(d) Khwaja Bande Nawaz

25). Which one of the following states is the largest producer of pulses in India?

(a) Madhya Pradesh   **(b)** Haryana   **(c)** Bihar

(d) Uttarakhand

26). How many times has India won the ICC U-19 World Cup?

(a) One   **(b)** Three   **(c)** Two   **(d)** Four

27). During the freedom struggle, who was the only President of Indian National Congress who resigned from the presidency even after being elected?

(a) Nellie Sengupta   **(b)** Jawaharlal Nehru

(c) JB Kripalini   **(d)** Subhash Chandra Bose

28). Where in India is the first indigenously built atomic power plant located?

(a) Kalpakkam   **(b)** Tarapur   **(c)** Kota

(d) Trombay

29). The birth place of Subhash Chandra Bose is:

(a) Patna   **(b)** Kolkata   **(c)** Cuttack

(d) Hazaribagh

30). Gnana Saraswati temple of southern India is located at:

(a) Tirunelveli   **(b)** Thrissur   **(c)** Basar

(d) Puducherry

31). What is the maximum amount of loan permissible under Pradhan Mantri MUDRA Yojana?

(a) Rs. 12 lakhs   **(b)** Rs. 5 lakhs   **(c)** Rs. 3 lakhs

(d) Rs. 10 lakhs

32). Which among the following is a copper mineral?

(a) Azurite   **(b)** Bauxite   **(c)** Halite   **(d)** Hematite

33). Sapphire and ruby are varieties of natural:

(a) Aluminium sulphide   **(b)** Aluminium hydroxide

(c) Aluminium oxide   **(d)** Aluminium carbonate

34). Under which Five Year Plan, the steel plants of Rourkela, Bhilai and Durgapur were established?

(a) Second   (b) Seventh   (c) Third   (d) Fourth

35). In which year was the battle of Buxar fought?

(a) 1765   (b) 1758   (c) 1764   (d) 1757

36). Which state government has recently formed SCR like NCR?

(a) Haryana   (b) Karnataka   (c) Uttar Pradesh
(d) Telangana

37). Who has recently approved a loan of $240.5 million for rooftop solar systems in India?

(a) NDB   (b) ADB   (c) World Bank   (d) IMF

38). Rajwada palace (Cultural Heritage Project) is located at:

(a) Jabalpur   (b) Indore   (c) Mandu   (d) Ujjain

39). The temple at Lepakshi famous for its hanging pillars and constructed in Vijayanagara style is also called _____ temple.

(a) Mahalakshmi   (b) Mahakaal   (c) Murugan
(d) Veerabhadra

40). Who, before going to the gallows, had expressed his desire for keeping his ashes intact till India is reunited and throwing them into the Indus after the reunification has been achieved?

(a) Nathuram Godse   (b) Bhagat Singh
(c) Surya Sen   (d) Uddham Singh

41). Where was the venue of US Open Tennis Championship before it shifted to the Flushing Meadows?

(a) Forest Hills   (b) Lexington
(c) Woodmond Hills   (d) Plaza District

42). The famous physician Jeevaka was appointed by the court of :

(a) Samudragupta   (b) Ashoka
(c) Krishnadeva Raya   (d) Bimbisara

43). Jagannath Mishra was the three-time Chief Minister of the state of _____.

(a) Bihar   (b) Uttar Pradesh   (c) Odisha
(d) Haryana

44). Hirakud dam is built across the river:

(a) Mahanadi   (b) Godavari   (c) Betwa
(d) Krishna

45). When is World Embryologist Day celebrated?

(a) 23 July   (b) 22 July   (c) 24 July   (d) 25 July

46). Which one of the following diseases is caused mainly by the deficiency of Vitamin C?

(a) Kwashiorkor   (b) Scurvy   (c) Rickets
(d) Goitre

47). The part of the eye which is responsible for the conversion of image of an object into neural signals is:

(a) retina   (b) optic nerve   (c) iris
(d) vitreous humour

48). Which of the following films is set in the backdrop of the India-China War of 1962?

(a) Haqeeqat   (b) Hazaaron Khwaishein Aisi
(c) Aakrosh   (d) Roja

49). Who is the author of 'Swami Vivekananda in the West: New Discoveries'?

(a) Sister Nivedita   (b) Marie Louise Burke
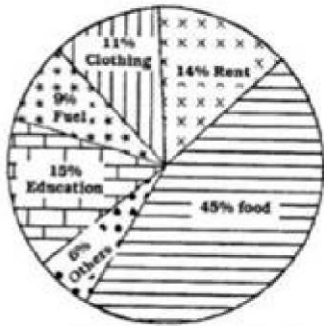(c) Swami Ranganathananda   (d) Romain Rolland

50). What is the full form of NPCI which is an organization for all retail payments system in India?

(a) National Payments Corporation of India
(b) Net Payments Company Inc.
(c) Non-cash Payments Corporation of India
(d) Non-cash Payments Cooperative Inc.

Arithmetic

The pie chart given below shows the spending of a family on various heads during a month. Study the graph and answer the questions:

1). Which three expenditures together have a central angle of 108?

(a) Fuel, Clothing and Others

(b) Fuel, Education and Others

(c) Clothing, Rent and Others

(d) Education, Rent and Others

2). Expenditure on Rent is what percent of expenditure on Fuel?

(a) 135% **(b)** 156% **(c)** 167% **(d)** 172%

3). If the total income of the family is ₹ 25,000, then the amount spent on Rent and Food together is

(a) ₹ 17,250 **(b)** ₹ 14,750 **(c)** ₹ 11,250

(d) ₹ 8,500

4). A book shelf has 10 blocks and each block can hold one book. What are the maximum number of ways in which a user can arrange 9 identical books on this book shelf?

(a) 10! **(b)** 10^{10} **(c)** 10 **(d)** 2^{10}

5). In how many ways can you place 2 white bishops on an empty chess board?

(a) 16 **(b)** 64 **(c)** 256 **(d)** 1024

6). The average marks of a class of 35 children is 35. The marks of one of the students, who got 35, was incorrectly entered as 65. what is the correct average of the class?

(a) 33.76 **(b)** 34.14 **(c)** 35.24 **(d)** 36.50

7). 12 monkeys can eat 12 bananas in 12 minutes. In how many minutes can 4 monkeys eat 4 bananas?

(a) 10 **(b)** 12 **(c)** 4 **(d)** 8

8). A container contains a mixture of water and milk in the ratio of 7:5 and another container contains the ratio of water and milk in 7:9. How many litres of the first mixture is added in the 20 litres of the second mixture to make the Ratio in 1:1?

(a) 20 lit **(b)** 15 lit **(c)** 12 lit **(d)** 10 lit

9). If the number of sides of a regular polygon is 10. Find the interior angle of the polygon.

(a) 144 **(b)** 180 **(c)** 244 **(d)** 186

10). What is the sum of first 40 terms of: 1 + 3 + 4 + 5 + 7 + 7 + 10 + 9 + ... upto 40 terms?

(a) 1010 **(b)** 1115 **(c)** 1030 **(d)** 1031

11). If a certain sum becomes 3 times in 6 years at compound interest, then in how many years, it will become 81 times?

(a) 81 **(b)** 162 **(c)** 27 **(d)** 24

12). An amount was lent for one year at the rate of 10% per annum compounding annually. Had the compounding been done half yearly, the interest would have increased by 80. What was the amount (in Rs) lent?

(a) 16000 **(b)** 32000 **(c)** 48000 **(d)** 64000

13). There are 40 balls in a box of 3 colours: red, blue and green. There are 18 red balls. Two balls are drawn from the box one by one without replacement. The probability of getting a red ball in the first draw & a green ball in the 2nd draw is 3/26. What was the number of blue balls?

(a) 12 **(b)** 14 **(c)** 13 **(d)** 15

14). Find the product of all the factors of 150?

(a) $(5)^{10}$ **(b)** $(150)^6$ **(c)** $(25)^5$ **(d)** $(150)^4$

15). A box contains 5 one rupee coin, 6 ten rupee coin and 9 two rupee coin. If 2 coins are withdrawn from the box at random, find the difference between the probability of getting maximum and minimum amount.

(a) $\frac{1}{38}$ **(b)** $\frac{1}{19}$ **(c)** $\frac{2}{19}$ **(d)** $\frac{3}{38}$

16). A container contains 40 liters of milk. From this container 4 liters of milk was taken out and replaced by water. This was repeated further for two times. How much milk is now contained in the container?

(a) 29 liters **(b)** 30.1 liters **(c)** 29.16 liters

(d) 28.64 liters

17). Two numbers are in the ratio 5: 11. If their HCF is 24, then the sum of two these numbers

is:

(a) 384   (b) 408   (c) 120   (d) 264

18). A goes to a mall from his house on a cycle at 8km/h and comes back to his house on a cycle at 6 km/h. if he takes 1 hour 10 minutes in all, what is the distance between his house and the mall?

(a) 8 km   (b) 4 km   (c) 5 km   (d) 6 km

19). The value of $\frac{1}{3} \div \frac{5}{6} \times \frac{-5}{8}$ is equal to:

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

20). A manufacturer sells the product to a wholesaler at 6% profit, the wholesaler sells the product to a retailer at 8% profit and the retailer sells the product to his customer at 10% profit. The price paid by the customer is ₹ 31,482. The cost of the product to the manufacturer is:

(a) 28, 306   (b) ₹ 26, 524   (c) 25,000

(d) ₹ 26, 980

21). A can do a work in 12 days while B can do same work in 18 days. How long (in days) will it take if they do the work together?

(a) $5\frac{3}{4}$ (b) $7\frac{1}{5}$ (c) $6\frac{1}{5}$ (d) $6\frac{2}{3}$

22). A scored 73, 76, 20 and 7 runs in four out of five innings. What should be his score in the fifth inning, if he has to make an average of 55 runs in five innings?

(a) 99   (b) 11   (c) 55   (d) 42

23). The efficiencies of A, B and C are in the ratio 4:5:6. Working together, they can complete a work in 12 days. In how many days will A alone be able to complete that work?

(a) 45   (b) 36   (c) 30   (d) 40

24). $(24 \div 6 - 2) + (3 \times 2 + 4)$ is equal to:

(a) 12   (b) 24   (c) 16   (d) 20

25). If $x^2 + \frac{1}{x} = 7$ then find the value of $\frac{x^6 + x^3}{x^2 - 6x + 1}$.

(a) $6x^2$ (b) $7x^3$ (c) $6x^3$ (d) $7x^2$

26). If $49\sqrt{7} \times 7^4 \div 7^{-5/2} = 7^{x+1}$; then x is equal to:

(a) 3   (b) 5   (c) 9   (d) 8

27). A water pipe is cut into two pieces. The longer piece is 65% of the length of the pipe. By how much percentage is the longer piece longer than the shorter piece?

(a) 130%   (b) 600/7%   (c) 30%

(d) None of the above

28). If a : b : c = 1 : 3 : 5. what is the value of $\dfrac{4a - b + 2c}{3(a + b + c)}$?

(a) $\frac{8}{27}$ (b) $\frac{10}{27}$ (c) $\frac{11}{27}$ (d) $\frac{1}{3}$
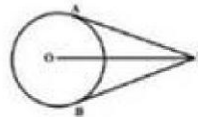
29). What is the simplified value of

$$\left(1 - \cfrac{1}{4 - \cfrac{2}{1 + \cfrac{1}{\frac{1}{3} \div 2}}}\right) \times \frac{15}{16} \div \frac{2}{3} \text{ of } 2\frac{1}{4} - \frac{3 - 4}{3^3 \div 4^3} \text{ ?}$$

(a) $\frac{5}{13}$ (b) $\frac{4}{13}$ (c) $\frac{8}{13}$ (d) $\frac{6}{13}$

30). Two trains running in opposite directions on parallel tracks, at speeds of 42 km/h and 57 km/h, take 18 seconds to cross each other. If the length of one train is 270 m, then the length of the other train is:

(a) 250 m   (b) 225 m   (c) 230 m   (d) 242 m

31). In the given figure, if ∠APO = 35°, then which of the following options is correct?

(a) ∠BPO = 55°   (b) ∠APB = 80°

(c) ∠BPO = 35°   (d) ∠APB = 60°

32). Out of their respective monthly salaries, Sonal and Tanya spend 76% and 68% on various household expenses. The sum of remaining salary with Sonal and Tanya together is Rs 18560. If Tanya's salary is 30% less than that of Sonal's what is Tanya's monthly salary?

(a) Rs. 28000   (b) Rs. 32000   (c) Rs. 34000

(d) Rs. 30000

33). If $x\left(3 - \dfrac{2}{x}\right) = \dfrac{3}{x}$, then the value of $x^3 - \dfrac{1}{x^3}$ is equal to:

(a) $\dfrac{8}{27}$ (b) $\dfrac{61}{27}$ (c) $\dfrac{62}{27}$ (d) $\dfrac{52}{27}$

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34). When 5 children from class A join class B, the number of children in both classes is the same. If 25 children from B, join A, then number of children in A becomes double the number of children in B . The ratio of the number of children in A to those in B is:

(a) 19 : 18 (b) 9 : 8 (c) 18 : 17 (d) 19 : 17

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35). The base of right pyramid is an equilateral triangle with side 8 cm and its height is $30\sqrt{3}$ cm. The volume (in cm^3)
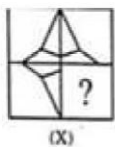
(a) $240\sqrt{3}$ (b) $360\sqrt{3}$ (c) 480 (d) 360

General Intelligence & reasoning

1). How many such pairs of letters are there in the word DOMESTIC, each of which has many letters between them in the word as they have in the English alphabet?
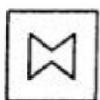
(a) None (b) One (c) Two (d) Three

---

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

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

---

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

(a)   (b)   (c)

(d)

---

4). Statement is given followed by two conclusions I and II. You have to consider the statement to be true even 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 statement.
Statement:
The manager humiliated Sachin in the presence of his colleagues.
Conclusions:
I. The manager did not like Sachin.
II. Sachin was not popular with his colleagues.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusion I and II follow

(d) Neither conclusion I nor II follows

---

5). Select the missing number from the given responses.

6	11	25
8	6	16
12	5	?

(a) 12 (b) 16 (c) 18 (d) 14

---

6). 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) All elephants are men.
2) All men are socks.
Conclusion :
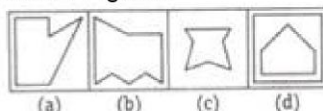I: Some socks are elephants.
II: All elephants are socks.

(a) Only Conclusion I follows

(b) Only Conclusion II follows

(c) Both Conclusions I and II follows

(d) Neither conclusion I nor II follows

---

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

Question Figure:

Answer Figures:

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

(a) Figure (a) **(b)** Figure (b) **(c)** Figure (c)

(d) Figure (d)

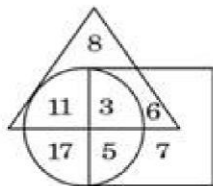**8).** In the following question, select the missing number from the given alternatives.

9	8	7
18	16	14
36	32	?

(a) 28 **(b)** 21 **(c)** 98 **(d)** 42

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9). Abhinav travels 10 km north and turns left. Then he travels 6 km and turns right and cover another 7 km. He finally turns to right and travels another 6 km. How far (in km) is he from the point of starting his journey?

(a) 14 **(b)** 16 **(c)** 15 **(d)** 17

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10). If the triangle represents chicken, circle as fish and square as meat. Which number can be indicated as the people who consume chicken and meat only.

(a) 9 **(b)** 17 **(c)** 14 **(d)** 6

---

11). Based on the given statement and few conclusions, choose the statement which gives the correct conclusions:

Statement:
All Perfumes smell nice.
Perfume is made of chemical.
Conclusions:
1. All chemical smells nice.
2. No perfume smells bad.

(a) Only conclusion 1 follows

(b) Only conclusion 2 follows

(c) Either conclusion 1 or conclusion 2 follows

(d) Neither conclusion 1 nor conclusion 2 follows

Direction: In the question below, some assumptions are given followed by a statement. An assumption is assumed to be correct. You have to consider the statement and the following assumptions and then decide which of the assumptions is implicit in the statement.

12). Statement: This book is for those who are interested to know more about 'Indian History'. Assumptions:
I. People who are interested to know about the author may read books.
II. Every book may attract some readers.

(a) if only assumption I is implicit

(b) if only assumption II is implicit

(c) If either assumption I or II is implicit

(d) If neither assumption I or II is implicit

---

13). X and Y are brothers. R is the father of Y. T is the sister of S who is maternal uncle of X. How is T related to R?

(a) Mother **(b)** Wife **(c)** Sister **(d)** Brother

---

14). Pointing towards a girl, Rajan said, she is the daughter of my mother's daughter. Then how is the girl related to Rajan? (Rajan is a male.)

(a) Daughter **(b)** Niece **(c)** Nephew **(d)** Uncle

---

15). Jyotsna is in the west of Pulkit who is in the north of Prerna. Prerna is in the north-west direction of Komal. Komal is in which direction with respect to Jyotsna?

(a) South-East **(b)** East **(c)** North-East

(d) South-West

---

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

Rooster : Hen
(a) Stallion : Mare **(b)** Animal : Dog

(c) Girl : Aunt **(d)** Apple : Fruit

---

17). In a code language, YOGHURT is written as 251578211820. How will DEVELOP be written as in that language?

(a) 45225121516 **(b)** 45225111516

(c) 45225121515 **(d)** 45215121516

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18). Two statements are given, followed by three conclusions numbers I, II and III. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements.

Statements:
Some water are air.
Some air are fire.
Conclusions:
I. Some fire are water.
II. Some water can be fire.
III. No fire is water.

(a) Only conclusions I and III follow.
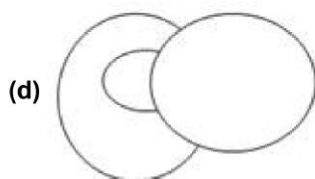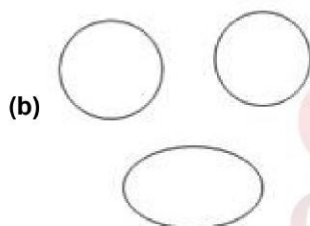
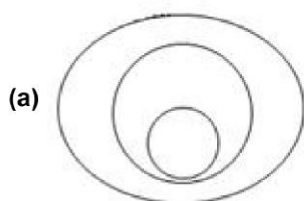**(b)** None of the conclusions follows.

(c) Only conclusions III follows.

(d) Conclusion II and either conclusion I or III follows.

(a) Only conclusions II and III follow.

(b) Only conclusions I and II follow.

(c) All conclusions I, II and III follow.

(d) Either conclusion I or III follows.

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19). In a certain code language, CORONAVIRUS is written as SURIVANOROC. How will PANDEMIC be written in the same code language?

(a) CILODNAP   **(b)** CIMEDKTP   **(c)** CIMEDNAP

(d) IHMEDNAP

---

20). Select the Venn diagram that best illustrates the relationship between the following classes.

Blueberries, Bing cherry, Bananas.

(a)

(b)

(c)

(d)

---

21). Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements.

Statements:
1. Some dancers are writers.
2. All writers are students.

Conclusions:
I. Some students are dancers.
II. Some students are writers.
III. No student is a dancer.

Study the following information carefully and answer the following questions.

There are 7 people M, N, O, P, Q, R and S having different job titles. They all were born within 1993-1999 (both years included). No two of them were born in the same year. They have the following job titles: Painter, Pilot, Musician, Youtuber, Teacher, Doctor and Engineer but not necessarily in the same order. Only 2 people are older than P. Only 2 people were born between the Doctor and O, who is younger than the Doctor. The Youtuber is the youngest of them all. N was born in 1996 and became a teacher. S is older than the Engineer but younger than N. The Musician is older than the Teacher but younger than Q. The Pilot is not the oldest and M is not the youngest.

22). Who was born just before the Doctor?

(a) Teacher   **(b)** M   **(c)** Pilot   **(d)** Painter

---

23). What is the profession of the one who was born in a leap year?

(a) Engineer   **(b)** Musician   **(c)** Teacher   **(d)** Pilot

---

24). Who is the youngest?

(a) S   **(b)** N   **(c)** R   **(d)** O

---

25). Select the letter-pair that can replace the question mark (?) in the following series.

PR, NQ, LP, JO, ?

(a) HL   **(b)** GN   **(c)** HN   **(d)** HM

---

26). In a certain code language, 'PLANE' is written as 'VQEQG'. What is the code for 'ROUGH' in that code language?

(a) WTYIJ   **(b)** XTYJJ   **(c)** XSYIJ   **(d)** XTYJI

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27). In a certain code language, 'EMPTYD' is written as 'CJNQWA'. What will be the code for 'VACANT' in that code language?

(a) UYAMYR   **(b)** TXBXLQ   **(c)** UYBYMR

(d) TXAXLQ

---

28). Select the letter-pair that can replace the question mark (?) in the following series.

ABC, FGH, LMN, ?

(a) TUV **(b)** STU **(c)** RST **(d)** QRS

---

29). 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: "In India, seventy percent of annual rainfall occurs in monsoon season".

Assumptions:

I. In India, rainfall occurs only during monsoon.

II. Monsoon does not contribute much to the rainy season 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.

---

30). 1st January 2013 was Wednesday so what was the day of the week on 31 December 2013?

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

(d) Friday

---

31). Select the number that can replace the question mark (?) in the following series.
2, 6, 38, ?

(a) 1444 **(b)** 1446 **(c)** 1448 **(d)** 1450

---

32). 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: "Peace and justice are the two side of the same coin.

Assumptions:

I. Peace and justice cannot coexist.

II. Peace and justice thrive together.

(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.

---

33). Select the option in which the words share the same relationship as that shared by the given pair of words.

Petrol : Car :: _____ : _____ ?

(a) Glasses : Eyes **(b)** Bulb : Light

(c) Water : Bucket **(d)** Ink : Pen

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

34). In which year Manish was born?
Statements:
I. Manish is 30 years younger than his father.
II. Manish's sister, who is 25 years younger than her father and she was born in 1980

(a) Only statement I is sufficient.

(b) Only statement II is sufficient.

(c) Data is not sufficient.

(d) Both I and II together are sufficient.

Direction: Study the data carefully and answer the questions accordingly.

Input: train news craft fame joy commoner grow bank

Step I- fame train news craft joy commoner grow bank

Step II- bank fame train news craft joy commoner grow

Step III- train bank fame news craft joy commoner grow

Step IV- commoner train bank fame news craft joy grow

Step V- news commoner train bank fame craft joy grow

Step VI- craft news commoner train bank fame joy grow

Step VII- grow craft news commoner train bank fame joy

Step VIII- joy grow craft news commoner train bank fame

And Step VIII is the last step of the above arrangement. As per the rules followed in the given steps, find out the steps for the given input.

Input: main input our brew house rank full

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35). Which of the following will be the third last step?

(a) our main full rank house brew input

(b) our full main rank house input brew

(c) our main full rank input house brew

(d) our main full rank house input brew