

## SSC CHSL T-I Similar Paper (Held on 14 Nov Shift 3)

**Q1.** Choose the correct passive voice transformation of the sentence:

Why do they always make unnecessary complaints over such minor issues?

- (a) Why are unnecessary complaints always made over such minor issues by them?
- (b) Why were unnecessary complaints always made over such minor issues by them?
- (c) Why have unnecessary complaints always been made over such minor issues by them?
- (d) Why do unnecessary complaints always make over such minor issues by them?

**Ans.(a)**

**Q2.** Choose the most suitable option to replace the highlighted part of the sentence:

David, a former cricketer who represented his state at both junior and senior levels, will be inaugurate the match next week in Mumbai.

- (a) will inaugurate
- (b) in inauguration
- (c) will inaugurating
- (d) is inaugurate

**Ans.(a)**

**Q3.** Choose the correct meaning of the idiom: At loggerheads

- (a) Working together peacefully
- (b) Being in complete agreement
- (c) Sharing responsibilities equally
- (d) Being in serious disagreement

**Ans.(d)**

**Q4.** Identify the part of the sentence that contains a grammatical error.

A. The treaty was signed B. by the neighbouring nations C. after long negotiation D. and several meetings.

- (a) The treaty was signed
- (b) by the neighbouring nations
- (c) after long negotiation
- (d) and several meetings

**Ans.(c)**

**Q5.** Select the option that expresses the given sentence in direct voice.

The judge said that the defendant's plea of not guilty had been a waste of the court's time, as the documents submitted by the prosecution had conclusively established his involvement in the crime.

- (a) "The defendant's plea of not guilty has been a waste of the court's time, as the documents submitted by the prosecution have conclusively established his involvement in the crime," the judge said.
- (b) "The defendant's plea of not guilty has been a waste of the court's time, as the documents submitted by the prosecution had conclusively established his involvement in the crime," the judge said.
- (c) "The defendant's plea of not guilty had been a waste of the court's time, as the documents submitted by the prosecution had conclusively established his involvement in the crime," the judge said.
- (d) "The defendant's plea of not guilty was a waste of the court's time, as the documents submitted by the prosecution had conclusively established his involvement in the crime," the judge said.

**Ans.(a)**

**Q6.** Choose the correct passive voice transformation of the sentence:

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The archaeologists, after many years of searching, have uncovered a long-lost historical settlement.

- (a) A long-lost historical settlement was uncovered by the archaeologists after many years of searching.
- (b) A long-lost historical settlement has been uncovered by the archaeologists after many years of searching.
- (c) A long-lost historical settlement had been uncovered by the archaeologists after many years of searching.
- (d) A long-lost historical settlement is uncovered by the archaeologists after many years of searching.

**Ans.(b)**

**Q7.** Choose the correct one-word substitute for:

A person who treats diseases by using natural remedies

- (a) Sailor
- (b) Herbalist
- (c) Officer
- (d) Pilot

**Ans.(b)**

**Q8.** Which of the following sentences uses the word “desert” with the same meaning as in the following sentence?

*“We had to desert the ship when a massive storm damaged the navigation system.”*

- (a) The Sahara Desert stretches across several African countries.
- (b) The travellers crossed the desert under the scorching sun.
- (c) Cactus plants survive easily in the desert climate.
- (d) He refused to desert his post even during the crisis.

**Ans.(d)**

**Q9.** Rearrange the following sentence parts to form a meaningful and grammatically correct paragraph:

P. After establishing a grid over the excavation area, the team carefully began removing the surface layers of soil.

Q They precisely recorded the positions of artefacts as these were slowly revealed with the use of trowels and brushes.

R. Each object they uncovered, such as ancient implements and broken pottery, was thoroughly cleaned and systematically catalogued.

S. Through these artefacts, the history of a long-forgotten civilisation was vividly brought to life.

- (a) P, S, Q, R
- (b) Q, P, R, S
- (c) S, Q, R, P
- (d) P, Q, R, S

**Ans.(d)**

**Q10.** Choose the correctly spelt word:

- (a) Indispensible
- (b) Indispensable
- (c) Indispensiblee
- (d) Indispensable

**Ans.(d)**

**Q11.** Select the most appropriate antonym of the word: LETHARGIC

- (a) Clumsy
- (b) Energetic
- (c) Heavy
- (d) Slow

**Ans.(b)**

**Q12.** Fill in the blank with the most appropriate preposition:

The archaeologist stumbled \_\_\_ a hidden chamber while excavating the site.

- (a) along
- (b) into
- (c) upon
- (d) over

**Ans.(c)**

**Q13.** Select the option that expresses the given sentence in indirect voice.

He said, "I finished my project, and I was preparing a report."

- (a) He said that he had finished his project and he was preparing a report.
- (b) He said that he had finished his project and he had been preparing a report.
- (c) He said that he finished his project and he had been preparing a report.
- (d) He said that he had been finishing his project and he had been preparing a report.

**Ans.(b)**

**Q14.** Choose the correct one-word substitute for:

A person who studies casually without seriousness

- (a) Scholar
- (b) Dilettante
- (c) Expert
- (d) Savant

**Ans.(b)**

**Q15.** Choose the most suitable option to replace the highlighted part of the sentence:

A section of the population are migrated to the cities in search of better employment opportunities.

- (a) A section of the population have migrated to
- (b) A section of the population has migrated to
- (c) A section of the population were migrated to
- (d) A section of the population are migrating to

**Ans.(b)**

**Q16.** According to the passage, which ethical issue emerges prominently with the increasing use of AI in the workplace?

Read the following passage and answer the questions based on it:

The explosive integration of Artificial Intelligence (AI) into the workplace represents a tangled web of ethical issues that need to be carefully addressed. While AI holds out the potential for increased productivity, mechanisation of routine tasks, and new opportunities for economic development, it raises to its highest power fundamental questions regarding job loss, algorithmic bias, and the redefinition of human work. Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices. This creates issues of fairness and equity in a more automated world. In addition, as AI fills increasing numbers of decision-making positions, the accountability issue is at the forefront: who is accountable when an AI system commits a critical mistake or inflicts harm?

Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices.

- (a) Expansion of employment opportunities across all industries
- (b) Perpetuation and amplification of existing cultural biases
- (c) Enhancement of efficiency in human resource decisions
- (d) Decline in technological involvement in decision-making processes

**Ans.(b)**

**Q17.** As suggested in the passage, which measure is essential to mitigate the social disruption resulting from the adoption of AI in the workplace?

Read the following passage and answer the questions based on it:

The explosive integration of Artificial Intelligence (AI) into the workplace represents a tangled web of ethical issues that need to be carefully addressed. While AI holds out the potential for increased productivity, mechanisation of routine tasks, and new opportunities for economic development, it raises to its highest power fundamental questions regarding job loss, algorithmic bias, and the redefinition of human work. Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices. This creates issues of fairness and equity in a more automated world. In addition, as AI fills increasing numbers of decision-making positions, the accountability issue is at the forefront: who is accountable when an AI system commits a critical mistake or inflicts harm?

Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices.

- (a) Expanding automation in organisational decision-making
- (b) Implementing proactive legislation along with robust retraining programmes
- (c) Restricting the application of AI to selected industries
- (d) Eliminating AI systems entirely from work environments

**Ans.(b)**

**Q18.** According to the passage, which ethical dilemma becomes most critical as AI assumes greater decision-making roles in the workplace?

Read the following passage and answer the questions based on it:

The explosive integration of Artificial Intelligence (AI) into the workplace represents a tangled web of ethical issues that need to be carefully addressed. While AI holds out the potential for increased productivity, mechanisation of routine tasks, and new opportunities for economic development, it raises to its highest power fundamental questions regarding job loss, algorithmic bias, and the redefinition of human work. Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices. This creates issues of fairness and equity in a more automated world. In addition, as AI fills increasing numbers of decision-making positions, the accountability issue is at the forefront: who is accountable when an AI system commits a critical mistake or inflicts harm?

Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI

programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices.

- (a) Diminishing human creativity in organisational decisions
- (b) Difficulty in assigning responsibility when AI systems make errors or cause harm
- (c) Adoption of faster and more efficient decision-making mechanisms
- (d) Elimination of human supervision from all AI-driven tasks

**Ans.(b)**

**Q19.** Which of the following sentences is grammatically correct?

Read the following passage and answer the questions based on it:

The explosive integration of Artificial Intelligence (AI) into the workplace represents a tangled web of ethical issues that need to be carefully addressed. While AI holds out the potential for increased productivity, mechanisation of routine tasks, and new opportunities for economic development, it raises to its highest power fundamental questions regarding job loss, algorithmic bias, and the redefinition of human work. Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices. This creates issues of fairness and equity in a more automated world. In addition, as AI fills increasing numbers of decision-making positions, the accountability issue is at the forefront: who is accountable when an AI system commits a critical mistake or inflicts harm?

Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices.

- (a) Strong retraining initiatives and proactive legislative response is necessary to counteract social disruption.
- (b) Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption.
- (c) Strong retraining initiative and proactive legislative responses are necessary to counteract social disruption.
- (d) Strong retraining initiatives and proactive legislative responses is necessary to counteract social disruption.

**Ans.(b)**

**Q20.** . According to the passage, in what way can the use of AI in the workplace threaten social equity?

Read the following passage and answer the questions based on it:

The explosive integration of Artificial Intelligence (AI) into the workplace represents a tangled web of ethical issues that need to be carefully addressed. While AI holds out the potential for increased productivity, mechanisation of routine tasks, and new opportunities for economic development, it raises to its highest power fundamental questions regarding job loss, algorithmic bias, and the redefinition of human work. Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices. This creates issues of fairness and equity in a more automated world. In addition, as AI fills increasing numbers of decision-making positions, the accountability issue is at the forefront: who is accountable when an AI system commits a critical mistake or inflicts harm?

Strong retraining initiatives and proactive legislative responses are necessary to counteract social disruption in the face of the possibility of widespread job losses, particularly in repetitive and predictable tasks. More dangerously, AI programs that learn from historical data have the potential to reinforce and even magnify prevailing cultural biases, leading to biased performance evaluations or discriminatory hiring practices.

- (a) By entirely replacing human decision-makers and causing widespread unemployment
- (b) By drawing on historical data that may continue and intensify existing cultural biases

- (c) By prioritising ethical judgement over data-driven decision-making
- (d) By reshaping job roles in a manner that mainly advantages low-skilled workers

**Ans.(b)**

**Q21.** Choose the correctly spelt word:

- (a) Judgement
- (b) Judgment
- (c) Judjemant
- (d) Judgmant

**Ans.(a)**

**Q22.** Select the most appropriate synonym of the word: EPISTEMOLOGICAL

- (a) Related to knowledge
- (b) Random
- (c) Historical
- (d) Reactive

**Ans.(a)**

**Q23.** Select the most appropriate antonym of the word: COLLUSION

- (a) Support
- (b) Transparency
- (c) motivate
- (d) Reject

**Ans.(b)**

**Q24.** Select the option that expresses the given sentence in direct voice.

The young boy asked his mother where he could find his lost school bag.

- (a) The young boy asked his mother, "Where could he find his lost school bag?"
- (b) The young boy said to his mother, "Where can I find my lost school bag?"
- (c) The young boy said, "Where could I find his lost school bag?"
- (d) The young boy asked, "Where can he find my lost school bag?"

**Ans.(b)**

**Q25.** Change the following sentence into the Active form.

The national anthem is sung at the beginning of every match.

- (a) The national anthem sings at the beginning of every match.
- (b) People sing the national anthem at the beginning of every match.
- (c) They are singing the national anthem at the beginning of every match.
- (d) The national anthem has been sung at the beginning of every match.

**Ans.(b)**

**Q26.** Find the missing number:

- 4 → 20
- 5 → 30
- 6 → 42
- 7 → ?

- (a) 48
- (b) 54

(c) 56

(d) 63

**Ans.(c)**

**Q27.** A cashier finds extra money left on the counter after a customer leaves. What should be done?

(a) Keep the money

(b) Ask nearby customers

(c) Inform the supervisor

(d) Ignore it

**Ans.(c)**

**Q28.** If '\$' means '+', '@' means '-', '\*' means '×', and '/' means '÷', then find the value of:

$8 @ 4 \$ 6 * 2 = ?$

(a) 12

(b) 16

(c) 20

(d) 24

**Ans.(b)**

**Q29.** Find the wrong term in the series:

512, 508, 500, 488, 473, 452, 428

(a) 488

(b) 473

(c) 452

(d) 428

**Ans.(b)**

**Q30.** If 'LION' is coded as 'QNTS' and 'BEAR' as 'GJFW', how will 'WOLF' be coded?

(a) BTQK

(b) BTLK

(c) AQVK

(d) CSWL

**Ans.(a)**

**Q31.** Which word cannot be formed from the letters of 'ADMINISTRATION'?

(a) TRAIN

(b) DISTANT

(c) MANDATE

(d) RATION

**Ans.(c)**

**Q32.** An employee works efficiently but struggles with communication. What is the best managerial action?

(a) Provide communication training

(b) Ignore the issue

(c) Remove responsibilities

(d) Terminate employment

**Ans.(a)**

**Q33.** Arrange the words in dictionary order:

1. Allocate
  2. Alliance
  3. Allowance
  4. Alligator
  5. Alleviate
- (a) 4,1,2,3,5  
(b) 1,2,3,4,5  
(c) 4,2,1,5,3  
(d) 5,2,4,1,3

**Ans.(d)**

**Q34.** AB : YZ :: CD : ?

- (a) WX  
(b) UV  
(c) XY  
(d) VW

**Ans.(a)**

**Q35.** Find the next letter in the series:

- D, G, J, M, ?
- (a) N  
(b) O  
(c) P  
(d) Q

**Ans.(c)**

**Q36.** Which pair does NOT follow the same pattern?

- (a) 9, 81  
(b) 7, 49  
(c) 11, 110  
(d) 6, 36

**Ans.(c)**

**Q37.** A student is offered two internships: one involving routine filing work, and another at a small firm where she learns data analysis and reporting. She wants a career in analytics. Which should she choose?

- (a) The company with a big brand  
(b) Do both without focus  
(c) Leave internships and study alone  
(d) The firm offering practical analytical exposure

**Ans.(d)**

**Q38.** Statement:

Employees are spending excessive time on social media during work hours.

Course of Action:

- I. Block social media sites completely.  
II. Educate employees on time management.

(a) Only I

- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

**Ans.(b)**

**Q39.** A school notices misuse of library books. What is the fairest solution?

- (a) Introduce a tracking system
- (b) Fine all students
- (c) Close the library
- (d) Ignore the problem

**Ans.(a)**

**Q40.** In a row of 45 students, Rohan is 12th from the left and Simran is 20th from the right. How many students are sitting between Rohan and Simran?

- (a) 12
- (b) 11
- (c) 14
- (d) 13

**Ans.(d)**

**Q41.** In a team meeting, a joke is misunderstood by a colleague from a different background and causes discomfort. What should be done?

- (a) Ignore the reaction
- (b) Clarify the intent and apologise
- (c) Tell them to adjust
- (d) Exclude them from discussion

**Ans.(b)**

**Q42.** How many triangles are there in the given figure?




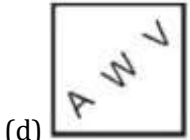
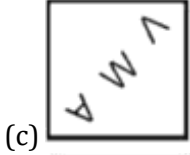
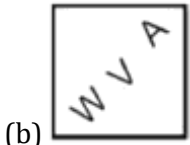
- (a) 9
- (b) 11
- (c) 12
- (d) 14

**Ans.(b)**

**Q43.** Find the missing figure in the series.

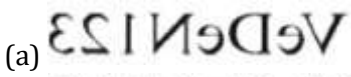
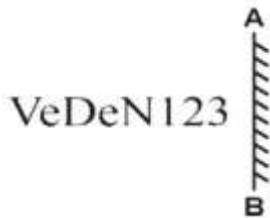


- (a) 



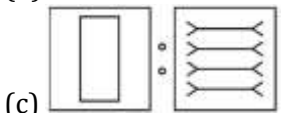
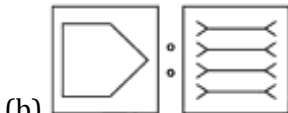
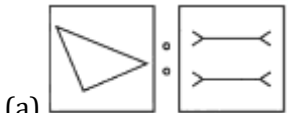
Ans.(d)

Q44. A mirror is placed on line XY. Choose the correct mirror image of the given figure.



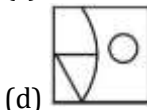
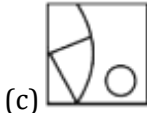
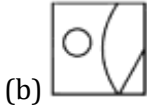
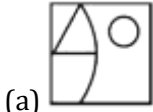
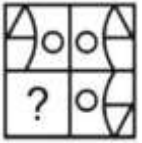
Ans.(a)

Q45. Select the odd pair.



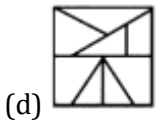
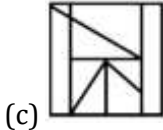
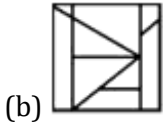
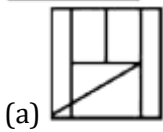
Ans.(c)

**Q46.** Which option completes the pattern? (Rotation not allowed)



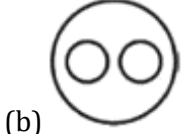
**Ans.(d)**



**Q47.** Find the figure in which the given figure is hidden (rotation not allowed).



**Ans.(c)**

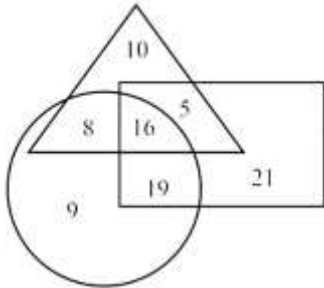
**Q48.** Which diagram best represents the relationship among: Teachers, Men, Women



- (c) 
- (d) 

**Ans.(a)**

**Q49.** In the figure given below the triangle represents pens, the rectangle represents pencils and the circle represents erasers. Number in each area represents the number of items in that area.

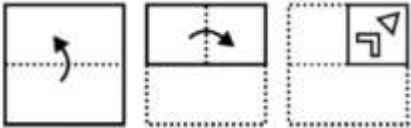






How many pens are pencils?

- (a) 16  
 (b) 5  
 (c) 21  
 (d) 31

**Ans.(c)**

**Q50.** A paper is folded twice and punched. How will it appear when unfolded?



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

**Ans.(c)**

**Q51.** The amount at the end of the 3rd and 4th years on a certain principal at compound interest is Rs. 13,310 and Rs. 14,641 respectively. Find the principal.

- (a) Rs. 10,000

- (b) Rs. 11,000
- (c) Rs. 12,100
- (d) Rs. 9,000

**Ans.(a)**

**Q52.** A can do a work in 24 days, B in 16 days. They start together, but after 4 days B leaves. In how many more days will A finish the remaining work?

- (a) 10 days
- (b) 12 days
- (c) 14 days
- (d) 16 days

**Ans.(c)**

**Q53.** If the price of a pen decreases by 20%, then a man can buy 4 more pens for Rs. 160. What is the new price (in Rs.) of each pen?

- (a) 8
- (b) 10
- (c) 12
- (d) 16

**Ans.(a)**

**Q54.** The average of 9 numbers is 40. If the first five numbers have an average of 38 and the last five numbers have an average of 44, find the middle number.

- (a) 36
- (b) 50
- (c) 40
- (d) 46

**Ans.(b)**

**Q55.** If  $a : b = 3 : 4$  and  $b : c = 5 : 6$ , then find  $a : b : c$ .

- (a) 3 : 4 : 6
- (b) 15 : 20 : 24
- (c) 15 : 4 : 6
- (d) 3 : 20 : 6

**Ans.(b)**

**Q56.** A man walks to a village at 6 km/h and returns at 3 km/h. If the total time taken is 2 hours, find the distance between his house and the village.

- (a) 3 km
- (b) 4 km
- (c) 5 km
- (d) 6 km

**Ans.(b)**

**Q57.** If  $\cos \theta = \frac{7}{25}$  and  $\theta$  lies in Quadrant IV, then find the value of  $\sin \theta$ .

- (a)  $\frac{24}{25}$
- (b)  $-\frac{24}{25}$

- (c)  $\frac{7}{25}$   
(d)  $-\frac{7}{25}$

**Ans.(b)**

**Q58.** Convert the recurring decimal 0.363636... into a simple fraction in its lowest terms.

- (a)  $\frac{4}{11}$   
(b)  $\frac{3}{11}$   
(c)  $\frac{36}{100}$   
(d)  $\frac{11}{36}$

**Ans.(a)**

**Q59.** A, B, and C started a business. A invested Rs. 80,000, B invested Rs. 50,000, and C invested Rs. 70,000. After 6 months, A added Rs. 20,000 and B withdrew Rs. 10,000.

If the total profit after 1 year is Rs. 2,40,000, how much will B receive?

- (a) Rs. 52,683  
(b) Rs. 63,000  
(c) Rs. 72,000  
(d) Rs. 81,000

**Ans.(a)**

**Q60.** The difference between compound interest and simple interest on a sum for 2 years at 12% per annum is Rs. 72. What is the sum?

- (a) Rs. 2,000  
(b) Rs. 2,500  
(c) Rs. 5,000  
(d) Rs. 4,000

**Ans.(c)**

**Q61.** Find the equation of a line that is parallel to  $y = -2x + 3$  and passes through the point (2, -1).

- (a)  $y = -2x + 3$   
(b)  $y = -2x + 1$   
(c)  $y = -2x - 5$   
(d)  $y = -2x + 5$

**Ans.(a)**

**Q62.** Two similar polygons have their areas in the ratio of 16 : 49. What is the ratio of their corresponding sides?

- (a) 4 : 7  
(b) 16 : 49  
(c) 8 : 14  
(d) 256 : 2401

**Ans.(a)**

**Q63.** The coordinates of the vertices of a triangle are A(0,0), B(6,0), and C(0,8). What is the location of the orthocenter of the triangle?

- (a) (0,0)  
(b) (3,4)  
(c) (6,0)

(d) (0,8)

**Ans.(a)**

**Q64.** The largest four-digit number which when divided by 5, 8, or 12 leaves a remainder of 2 in each case is:

(a) 9978

(b) 9982

(c) 9992

(d) 9962

**Ans.(d)**

**Q65.** If  $(2^3)^x = 2^{12}$ , then the value of x is:

(a) 3

(b) 4

(c) 6

(d) 12

**Ans.(b)**

**Q66.** A container has 60 litres of a milk–water mixture in which water is 20% of the total. How many litres of pure water should be added so that the proportion of water becomes 40%?

(a) 6 litres

(b) 8 litres

(c) 20 litres

(d) 12 litres

**Ans.(c)**

**Q67.** If  $\tan\theta - \cot\theta = 0$ , then find the value of  $\sin\theta \cdot \cos\theta$ .

(a) 0

(b) 1

(c) 1/2

(d) 1/4

**Ans.(c)**

**Q68.** A right circular cylinder of radius r and height h is fitted inside a sphere of diameter D such that the curved surface of the cylinder touches the sphere. What is the relation between h and r in terms of D?

(a)  $h = \sqrt{D^2 - 4r^2}$

(b)  $h = \sqrt{D^2 - r^2}$

(c)  $2h = \sqrt{D^2 - 4r^2}$

(d)  $h = \sqrt{4D^2 - r^2}$

**Ans.(a)**

**Q69.** A trader sells 10 books for Rs. 500 and suffers a loss equal to the selling price of 2 books. What is the cost price of one book?

(a) Rs. 60

(b) Rs. 55

(c) Rs. 50

(d) Rs. 65

**Ans.(a)**

**Q70.** A sum of Rs.  $x$  amounts to Rs. 9280 at 8% per annum in the same time in which Rs. 10,000 amounts to Rs. 12,000 at 10% per annum, both at simple interest. The value of  $x$  is:

- (a) Rs. 6,000
- (b) Rs. 7,200
- (c) Rs. 7,500
- (d) Rs. 8,000

**Ans.(d)**

**Q71.** A building and its model are similar in shape. The ratio of their corresponding dimensions is 1 : 500. If the height of the building is 75 m, what is the height of the model?

- (a) 12 cm
- (b) 15 cm
- (c) 18 cm
- (d) 20 cm

**Ans.(b)**

**Q72.** Simplify:

$$(x^2 - y^2)^3 + (y^2 - z^2)^3 + (z^2 - x^2)^3$$

- (a)  $3(x - y)(y - z)(z - x)(x + y)(y + z)(z + x)$
- (b)  $(x - y)(y - z)(z - x)$
- (c)  $(x + y)(y + z)(z + x)$
- (d)  $(x - y)^3$

**Ans.(a)**

**Q73.** A hemispherical bowl is made of metal with a thickness of 3 cm. The inner radius of the bowl is 7 cm. Find the volume of metal used to make the bowl.

- (a)  $588\pi \text{ cm}^3$
- (b)  $438\pi \text{ cm}^3$
- (c)  $644\pi \text{ cm}^3$
- (d)  $672\pi \text{ cm}^3$

**Ans.(b)**

**Q74.** What is the integer part of the value of the expression

$$X = \sqrt{81} + \sqrt{80}$$

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

**Ans.(b)**

**Q75.** A person borrows Rs. 15,000 at 10% per annum simple interest for 4 years. What is the total interest he will pay at the end of the period?

- (a) Rs. 5,000
- (b) Rs. 6,000
- (c) Rs. 4,500
- (d) Rs. 7,500

**Ans.(b)**

**Q76.** Which of the following is the SI unit of Frequency?

- (a) Hertz
- (b) Decibel
- (c) Meter
- (d) Second

**Ans.(a)**

**Q77.** The Pradhan Mantri Jan Dhan Yojana (PMJDY) was launched in which year?

- (a) 2012
- (b) 2013
- (c) 2014
- (d) 2015

**Ans.(c)**

**Q78.** What is India's rank in the Global Innovation Index 2025?

- (a) 40th
- (b) 38th
- (c) 35th
- (d) 42nd

**Ans.(b)**

**Q79.** As per the Ministry of Power, India's non-fossil fuel energy capacity target by 2030 is \_\_\_\_ GW.

- (a) 300
- (b) 400
- (c) 500
- (d) 600

**Ans.(c)**

**Q80.** 'Baul', a traditional folk music form, is mainly associated with which Indian state?

- (a) Assam
- (b) West Bengal
- (c) Odisha
- (d) Bihar

**Ans.(b)**

**Q81.** In February 2025, the Prime Minister of India inaugurated the National Dolphin Research Centre at \_\_\_\_.

- (a) Prayagraj
- (b) Patna
- (c) Varanasi
- (d) Lucknow

**Ans.(b)**

**Q82.** What was the value of the RBI Digital Payments Index (RBI-DPI) as of March 2025?

- (a) 445.50
- (b) 465.33
- (c) 493.22
- (d) 512.45

**Ans.(c)**

**Q83.** 'Bidesia' folk dance is related to which of the following Indian states?

- (a) Uttar Pradesh
- (b) Bihar
- (c) Jharkhand
- (d) West Bengal

**Ans.(b)**

**Q84.** Who authored the book 'My Experiments with Truth'?

- (a) Jawaharlal Nehru
- (b) Rajendra Prasad
- (c) Mahatma Gandhi
- (d) Sardar Patel

**Ans.(c)**

**Q85.** 'Sita: Warrior of Mithila' is a mythological fiction authored by \_\_\_\_\_.

- (a) Kavita Kane
- (b) Chitra Banerjee Divakaruni
- (c) Amish Tripathi
- (d) Anuja Chandramouli

**Ans.(c)**

**Q86.** The Indian Remote Sensing (IRS) satellite programme was initiated in \_\_\_\_\_.

- (a) 1969
- (b) 1975
- (c) 1988
- (d) 1999

**Ans.(c)**

**Q87.** Which of the following is a primary reason why the private sector often fails to provide public goods?

- (a) High production costs
- (b) Lack of demand from consumers
- (c) The free-rider problem
- (d) Government regulations prohibiting private production

**Ans.(c)**

**Q88.** In February 2025, which organisation launched the National Mission on Climate Resilient Agriculture?

- (a) ICAR
- (b) DRDO
- (c) CSIR
- (d) ICMR

**Ans.(a)**

**Q89.** Who was the mentor and guardian of Chhatrapati Shivaji Maharaj during his early life?

- (a) Shahaji
- (b) Jijabai
- (c) Dadoji Konddeo
- (d) Sambhaji

**Ans.(c)**

**Q90.** During the Revolt of 1857, which leader led the uprising in Jhansi?

- (a) Begum Hazrat Mahal
- (b) Taty Tope
- (c) Rani Lakshmbai
- (d) Kunwar Singh

**Ans.(c)**

**Q91.** What was the primary objective of the National Rural Employment Programme (NREP)?

- (a) To promote industrial growth
- (b) To provide wage employment in rural areas
- (c) To control inflation
- (d) To encourage foreign investment

**Ans.(b)**

**Q92.** Which of the following is included in the Central Nervous System of humans?

- I. Brain
- II. Spinal cord
- (a) Only I
- (b) Only II
- (c) Both I and II
- (d) Neither I nor II

**Ans.(c)**

**Q93.** The Bailadila mines of India are famous for the production of which mineral?

- (a) Bauxite
- (b) Mica
- (c) Iron ore
- (d) Copper

**Ans.(c)**

**Q94.** Dialysis is a medical procedure used mainly for the treatment of diseases related to the \_\_\_\_.

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

**Ans.(c)**

**Q95.** Who appoints Governor of an Indian state?

- (a) Prime Minister
- (b) Chief Minister
- (c) President of India
- (d) Parliament

**Ans.(c)**

**Q96.** The economic policy followed by India after independence that emphasized self-reliance is known as \_\_\_\_.

- (a) Globalisation

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- (b) Liberalisation
- (c) Import substitution
- (d) Export promotion

**Ans.(c)**

**Q97.** As per Census 2011, which Indian state had the highest level of urbanisation?

- (a) Maharashtra
- (b) Tamil Nadu
- (c) Kerala
- (d) Goa

**Ans.(d)**

**Q98.** The ancient Indian text 'Arthashastra' was written during the reign of which dynasty?

- (a) Gupta
- (b) Maurya
- (c) Kushana
- (d) Satavahana

**Ans.(b)**

**Q99.** Which of the following terms is included in the Preamble of the Indian Constitution to describe the nature of the Indian State?

- (a) Democratic
- (b) Federal
- (c) Parliamentary
- (d) Unitary

**Ans.(a)**

**Q100.** Who was appointed as the 26th Chief Election Commissioner of India in February 2025?

- (a) Rajiv Kumar
- (b) Gyanesh Kumar
- (c) Sukhbir Singh Sandhu
- (d) Vivek Joshi

**Ans.(b)**