



Qualifier Test Session 2024-25

Date: 17 May 2024

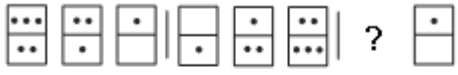

Venue: Dhar, M.P.

For each question, you will earn +2 points for a correct answer and -1 point for a wrong answer; unanswered questions will not affect your score.

Answer Key

- 1) Look at this series: 28, 25, 5, 21, 18, 5, 14, ... What numbers should come next?
a) **11, 5** ✓ b) 10, 7 c) 11, 8 d) 5, 10

- 2) Look at this series: J14, L16, __, P20, R22, ... What number should fill the blank?
a) S24 b) N16 c) M18 d) **N18** ✓

- 3)  ? 
(1) (2) (3) (4)
a) 1 ✓ b) 2 c) 3 d) 4



- 4) Which word does NOT belong with the others?
a) Acute b) right c) obtuse d) **parallel** ✓

- 5) Here are some words translated from an artificial language.
gorblflur means fan belt
pixngorbl means ceiling fan
arthtusl means tile roof

Which word could mean "ceiling tile"?

- a) Gorbtlusl b) flurgorbl c) arthflur d) **pixnarth** ✓

- 6) In a four-day period Monday through Thursday each of the following temporary office workers worked only one day, each a different day. Ms. Johnson was scheduled to work on Monday, but she traded with Mr. Carter, who was originally scheduled to work on Wednesday. Ms. Falk traded with Mr. Kirk, who was originally scheduled to work on Thursday. After all the switching was done, who worked on Tuesday?
- a) Mr. Carter b) Ms. Falk c) Ms. Johnson **d) Mr. Kirk ✓**

- 7) 
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- a) 1 b) 2 c) 3 **d) 4 ✓**

- 8) Here are some words translated from an artificial language.
moolokarn means blue sky
wilkospadi means bicycle race
moolowilko means blue bicycle

Which word could mean "racecar"?

- a) Wilkozwet b) spadiwilko c) moolobreil **d) spadivolo ✓**
- 9) Ms. Forest likes to let her students choose who their partners will be; however, no pair of students may work together more than seven class periods in a row. Adam and Baxter have studied together seven class periods in a row. Carter and Dennis have worked together three class periods in a row. Carter does not want to work with Adam. Who should be assigned to work with Baxter?
- a) **Carter ✓** b) Adam c) Dennis d) Forest
- 10) Four defensive football players are chasing the opposing wide receiver, who has the ball. Calvin is directly behind the ball carrier. Jenkins and Burton are side by side behind Calvin. Zeller is behind Jenkins and Burton. Calvin tries for the tackle but misses and falls. Burton trips. Which defensive player tackles the receiver?
- a) Burton b) Zeller **c) Jenkins ✓** d) Calvin
- 11) 'One who possesses many talents'
 One word substitute for the given sentence is?
- a) Exceptional b) Wisdom **c) Versatile ✓** d) Nubile
- 12) The following sentence contains which type of conjunction?
 "She is not only a great singer but also an exceptional dancer."
- a) Phrasal b) Subordinating **c) Correlative ✓** d) Coordinating
- 13) Select the option that expresses the given sentence in active voice.
 Admittance was refused to him by the airport security.
- a) The airport security has refused him admittance.
 b) The airport security had refused him admittance.
 c) The airport security refused him admittance.
d) The airport security refused him admittance. ✓

14) Select Correct Word

- a) Iminent **b) Imminent** ✓ c) Iminnent d) Imineent

15) Select Synonym of Repercussion....

- a) Resistance b) magnificence c) acceptance **d) reaction** ✓

16) His ____ way of life seemed inconsistent with his professions of virtue.

- a) Compromising **b) dissolute** ✓ c) tremulous d) equable

17) Rearrange these parts, which are labelled P, Q, R and S to produce the correct sentence.

- A political decision or policy
(P) if judged by its immediate results
(Q) in the light of its
(R) may seem to be very wise
(S) but may prove to be unsound
(6) ultimate consequences

- a) SQPR b) RQPS **c) RPSQ** ✓ d) RPQS

18) Select the most appropriate meaning of the highlighted idiom.

The team members seem to be running around in circles.

- a) To be very active but with few results** ✓
b) Very dynamic and hardworking
c) Hardly any time to breathe
d) To be extremely successful

19) His path was beset _____ difficulties.

- a) **With** ✓ b) within c) among d) by

20) Select the correct passive form of the given sentence.

The manager explained the latest assignment to Lana.

- a) The latest assignment was explained to Lana by the manager.** ✓
b) The latest assignment had explained to Lana by the manager.
c) The latest assignment had been explained to Lana by the manager.
d) The latest assignment had been explain to Lana by the manager.

21) If A = x% of y and B = y% of x, then which of the following is true?

- a) A is smaller than B.
b) A is greater than B.
c) If x is smaller than y, then A is greater than B.
d) None of these ✓

- 22) Three candidates contested an election and received 1136, 7636 and 11628 votes respectively. What percentage of the total votes did the winning candidate get?
 a) **57%** ✓ b) 60% c) 65% d) 90%
- 23) It is being given that $(2^{32} + 1)$ is completely divisible by a whole number. Which of the following numbers is completely divisible by this number?
 a) $(2^{16} + 1)$ b) $(2^{16} - 1)$ c) (7×2^{23}) **d) $(2^{96} + 1)$** ✓
- 24) A man takes twice as long to row a distance against the stream as to row the same distance in favour of the stream. The ratio of the speed of the boat (in still water) and the stream is:
 a) 2: 1 **b) 3: 1** ✓ c) 3: 2 d) 4: 3
- 25) An investor bought 200 shares at \$40 per share. If the stock price increases to \$60, what is the percentage increase in the value of the investment?
 a) 30 % **b) 50%** ✓ c) 72% d) 90 %
- 26) The average of runs of a cricket player of 10 innings was 32. How many runs must he make in his next innings so as to increase his average of runs by 4 ?
 a) **76** ✓ b) 79 c) 85 d) 87
- 27) Three glasses have capacity of 750 litre, 1950 litre, and 600 litres. 2046 litre of wine is poured into them so that the same fraction of each is filled. The volume filled in the largest glass will be
 a) 1272 litre **b) 1209 litre** ✓ c) 1245 litre d) 1200 litre
- 28) How many ways can a president, a vice-president, a secretary, and a treasurer be selected from a group of 10 people if the same person holds no two offices?
 a) 4800 **b) 5040.** ✓ c) 2502 d) 3600
- 29) The amount of work in a steel plant increased by 50%. By what percent is it necessary to increase the number of workers to complete the new amount of work in previously planned time, if the productivity of the new labour is 25% more and old labours work with their initial productivity
 a) 60% b) 66.66% **c) 40%** ✓ d) 33.33%
- 30) In how many different ways can the letters of the word 'MATHEMATICS' be arranged so that the vowels always come together?
 a) 10080 b) 4989600 **c) 120960** ✓ d) None of these
- 31) The two kinds of main memory are:
 a) CDs and DVDs **b) RAM and ROM** ✓ c) Primary and secondary d) Direct and sequential

- 32) The software tool that enables a user to interact with computer for a specific purpose are known as?
a) **Application** ✓ b) Hardware c) Networked software d) None of these
- 33) _____ provides the user interface, controls the computers resources and runs programs.
a) Drivers b) Desktop c) **Operating system** ✓ d) Menus
- 34) What is the full form of CPU?
a) Computer Processing Unit b) Computer Principal Unit
c) **Central Processing Unit** ✓ d) Control Processing Unit
- 35) **GUI stands for**
a) Graphical User Interest b) Greater User Interface
c) **Graphical User Interface** ✓ d) Graphical Union Interface
- 36) **The smallest unit in a digital system is a**
a) Mega Byte b) text c) **bit** ✓ d) character
- 37) **Which of these is not an output device?**
a) Monitor b) Plotter c) **Joystick** ✓ d) Printer
- 38) _____ translates and executes program at run time, line by line
a) Compiler b) **Interpreter** ✓ c) Linker d) Loader
- 39) Which of the following is not a characteristic of a computer?
a) Versatility b) Accuracy c) Diligence d) **I.Q.** ✓
- 40) Which of the following can access the server?
a) **Web Client.** ✓ b) User c) Web Browser d) Web Server
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