



భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Advt. No. IITH/2023/NF/15

Question Paper Code: 004

Application Number of the Candidate

Name of the Post: Junior Assistant

Pay Level: 3

Date of the Exam: 04 December 2023

Duration: 01 hr. 30 min

Scheme of the Exam:

Topic	Number of Question	Marks
General English	5	10
General Arithmetic/ Reasoning	15	30
Computers Related	10	20
Work Related Topics	20	40
Total	50	100

Instructions to fill the responses in the OMR answer sheet:

1. Candidate must write his/her **application number** in the designated box on the top of OMR answer sheet.
2. Candidates must write the post code and Question paper code in the designated boxes on the top of OMR answer sheet.
3. Candidates must sign in the box provided in the OMR answer sheet.
4. Each answer sheet must be signed by the invigilator in the space printed in the OMR answer sheet.
5. Only one response to be selected & marked. In case more than one response is marked for a single question or no response is marked for a question, no marks will be awarded for that question.
6. Partially filled circles shall not be considered as responses.
7. Erasing or changing of answer is not allowed.
8. No negative marking
9. Candidate must use Blue/Black ball point pen to fill his/her responses.
10. Rough work should not be done on the OMR answer sheet.
11. Candidates can use the designated page(s) of the question booklet for the purpose of rough work.
12. I have read the instructions carefully _____ (Signature)

General English

1. A Japanese company pioneered the use of the Bessemer process for making steel and improved the quality of steel. (find synonym of the initialized word)
 - a. hid
 - b. initiated
 - c. explored
 - d. illustrated
2. During the war, the shipping lanes proved prone to attacks, so measures had to be taken to deter them. (find synonym of the initialized word)
 - a. Futile
 - b. dangerous
 - c. susceptible
 - d. impossible
3. Mr Brown is a provident person who saves something each month. (find synonym of the initialized word)
 - a. punctual
 - b. rash
 - c. thrifty
 - d. considerate
4. She was ____ I met at the party.
 - a. the one
 - b. whom
 - c. who
 - d. that
5. He told the police that he ____ there since March.
 - a. not be
 - b. hasn't been
 - c. wasn't
 - d. hadn't been

General Arithmetic

6. A cat runs 30m towards West and turns to left, runs 20m and turns to left, runs 10m and again turns to right, runs 6m and then turns to right, runs 10 m and finally turns to left and runs 12 m. Now which direction would the cat be facing?
 - a. North
 - b. East
 - c. West
 - d. South

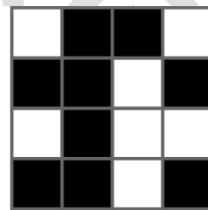
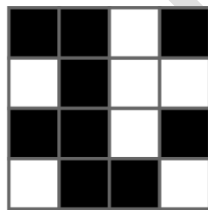
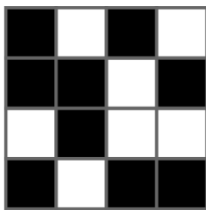
7. If '+' stands for '÷', '÷' stands for '-', '-' stands for "x" and "x" stands for "+" then find what is the following? $110 + 11 - 10 \div 22 \times 18 = \underline{\hspace{2cm}}$?

- a. 96
- b. 46
- c. 106
- d. 116

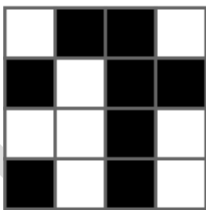
8. If 'A' stands for addition, 'S' stands for Subtraction, 'D' stands for Division, 'M' stands for Multiplication, 'G' stands for greater than, 'E' stands for equal to and 'L' stands for Less than which one of the following is correct?

- a. $8 G 2 M 3 M 4 D 2 M 4$
- b. $12 E 4 A 2 D 1 M 4 M 2$
- c. $2 L 2 M 4 A 1 M 4 S 8$
- d. $10 E 2 A 2 M 4 A 1 S 2$

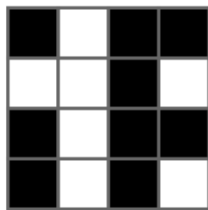
9. Find the correct option which will replace the question mark.



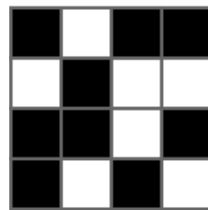
?



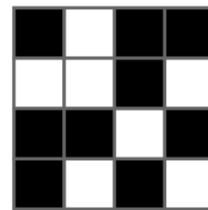
A



B

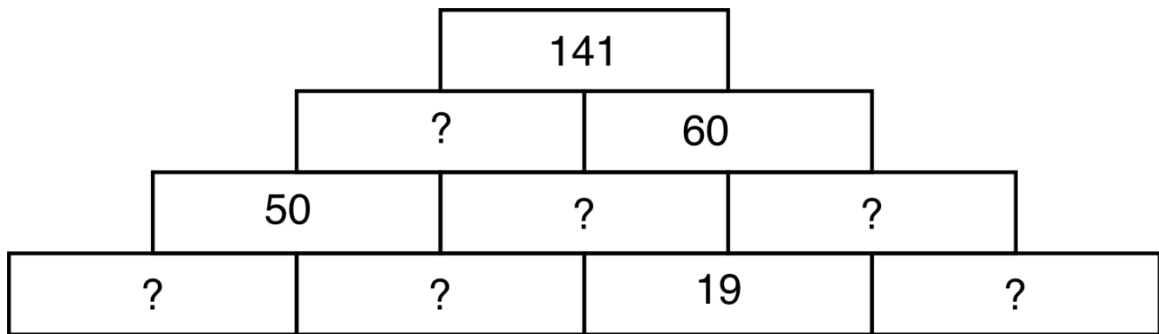


C

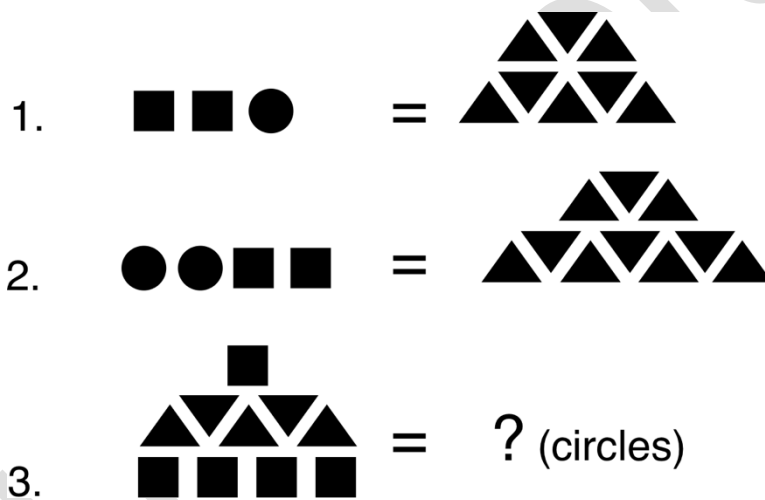


D

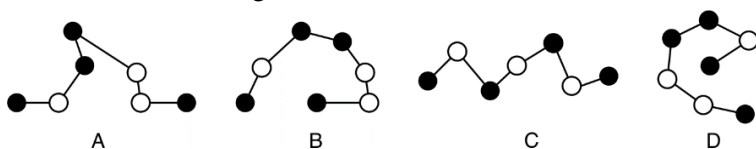
10. Each Block is equal to the sum of the two numbers beneath it. Find out all the missing numbers.



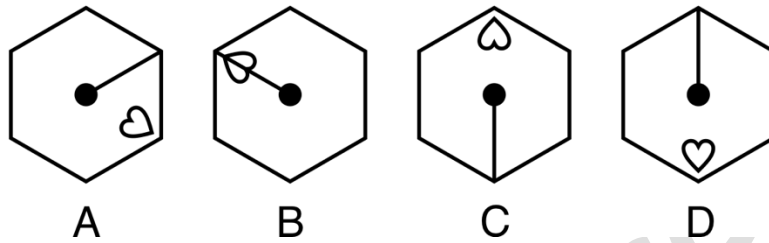
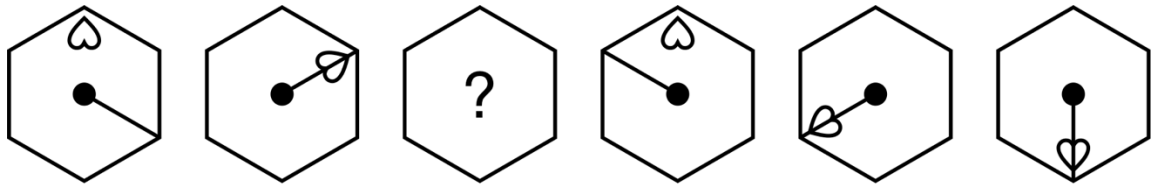
- a. 10, 12, 29, 31, 38, 81
 b. 8, 10, 29, 31, 41, 88
 c. 10, 12, 19, 32, 38, 81
 d. 8, 12, 29, 31, 40, 88
11. Given that option 1 & 2 stands true. How many circles will replace the question mark in option 3?



- a. 8
 b. 10
 c. 11
 d. 15
12. Which of these configurations is the odd one out?



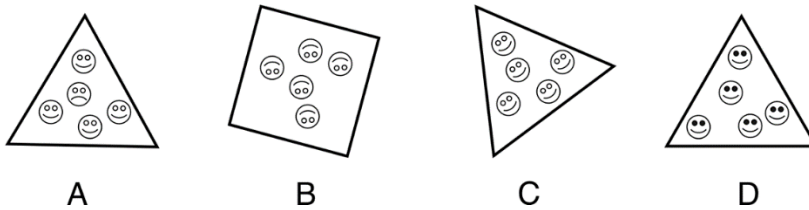
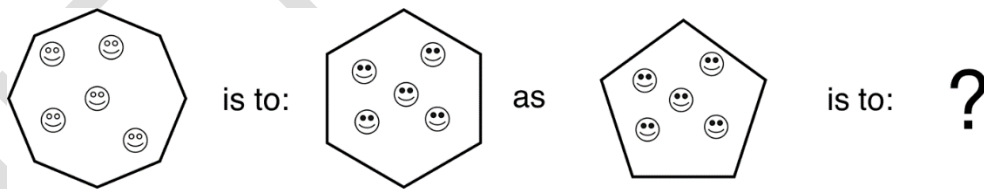
13. Which Hexagon from the options below will replace the question mark?



14. Which number will replace the question mark? 25, 33, 41, 49, 66, 83 ?

- a. 100
- b. 111
- c. 101
- d. 99

15. Choose



16. Find out the correct option.



A



B



C



D

17. What number comes next?

976457

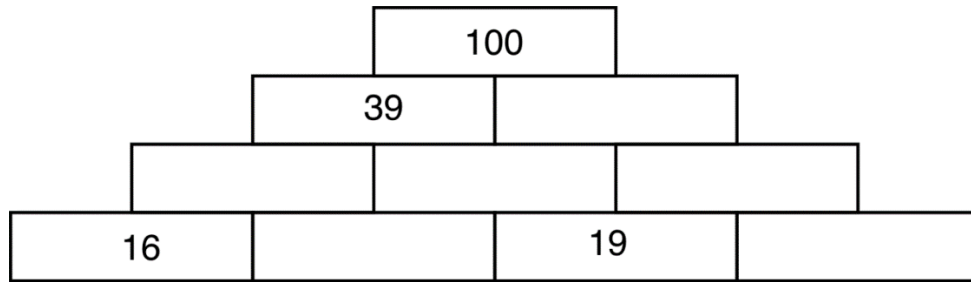
546977

796547

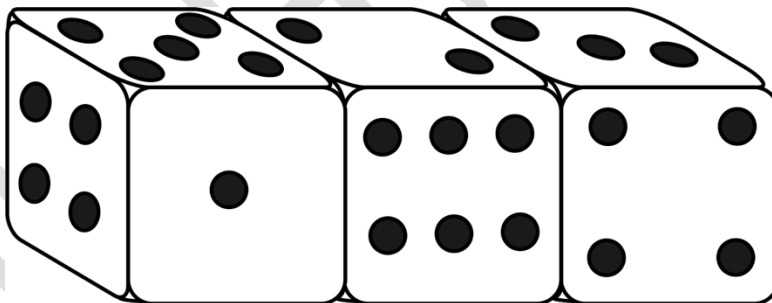
??????

- a. 569747
- b. 456797
- c. 654797
- d. 456977

18. Each Block is equal to the sum of the two numbers beneath it. Find out all the missing numbers.
(Little harder than 2nd question)



- a. 2, 18, 21, 23, 40, 61
 b. 2, 18, 21, 21, 40, 61
 c. 4, 16, 21, 21, 40, 61
 d. 4, 16, 21, 23, 40, 61
19. Which is the odd number out? **147, 239, 378, 567, 689, 765**
- a. 765
 b. 239
 c. 567
 d. 147
20. What is the sum total of the spots on the eleven hidden sides of these three dices?



- a. 37
 b. 38
 c. 36
 d. 42

Computers Related

21. What is the default zoom level in MS word?
- 50%
 - 25%
 - 100%
 - 125%
22. What is the short cut key for “Save As” in MS word
- F5
 - F12
 - F6
 - F10
23. Identify the feature of ms-word which provides the option of either increasing the size of a letter or a text.
- Footnote
 - Tab stop
 - Drop cap
 - Track Changes
24. Which feature of MS Word contains portrait and landscape mode?
- Margin
 - Page size
 - References
 - Page orientation
25. Identify the short key which is used to “underline” a section of any document in Microsoft word as per its 2007 version.
- Ctrl + X
 - Ctrl + C
 - Ctrl + U
 - Ctrl + V
26. What is the name of the blinking symbol appearing on-screen signifying the area where the next character is going to appear?
- pointer

- b. cursor
 - c. Enter
 - d. Shift
27. What is option for summing up all digits of a column in MS Excel?
- a. Count numbers
 - b. Max
 - c. Average
 - d. Auto Sum
28. What is the option to arrange the data in a column in alphabetical order in MS Excel?
- a. Sort
 - b. Filter
 - c. Arrange
 - d. order
29. To plot a graph with data point connected with curved lines one should choose the following in the charts tab.
- a. Scatter + straight lines
 - b. Scatter + Smooth lines & Markers
 - c. Scatter
 - d. Scatter + Straight lines & Markers
30. Pick one of the logical operation MS Excel can perform under logical tab.
- a. AND
 - b. Auto Sum
 - c. ACCRINT
 - d. ABS

Work related

31. For serving Central Government employees, the CGHS Card is valid for _____
- a. 3 Years
 - b. 4 Years
 - c. 5 Years
 - d. 6 Years

32. Children Education Allowance is applicable for _____ (Pick the most appropriate answer)
- 1 surviving child
 - 2 surviving children
 - 3 children
 - 2 eldest surviving children
33. As per CCS (Conduct) Rules, which one of the following option is correct ?
- A Govt. servant can take dowry
 - A Govt. servant can give dowry
 - A Govt. servant shall not give or take dowry
 - A Govt. servant can take or give dowry, with the permission of the Govt.
34. Deputation for Central Govt. employee is allowed for a maximum of _____ years.
- 7 Years
 - 8 Years
 - 5 Years
 - 3 Years
35. In case of allotment of Govt. Quarters, an employee must communicate his/her acceptance of the offer of allotment of Quarters within _____ days.
- 7 days
 - 8 days
 - 9 days
 - 10 days
36. The salary of a Govt. servant does NOT include which one of the following:
- Pay
 - DA
 - Transport Allowance
 - Hostel Subsidy

37. In regard to Leave Rules, which one of the following sentences is correct?
- Leave can be claimed as a matter of right.
 - Leave cannot be claimed as a matter of right.
 - Leave can be claimed as a matter of right, with the approval of the higher officer.
 - Normally, leave is matter of employee's choice and convenience.
38. For all Central Govt. employees, maximum number of Earned Leave which can be accumulated in his / her entire service is _____
- 240 days
 - 270 days
 - 300 days
 - 360 days
39. As per LTC Rules, every employee after serving for _____, is eligible to apply for LTC:
(Pick the most appropriate option)
- One year of service
 - One year of continuous service
 - Six months of service
 - Six months of continuous service
40. A Govt. servant can apply for _____ % of fare as advance.
- 60%
 - 70%
 - 80%
 - 90%
41. Encashment of EL during LTC can be availed for _____ days, on one occasion.
- 10 days of EL
 - 15 days of EL
 - 20 days of EL
 - 30 days of EL

42. Under National Pension System (NPS), every Govt. servant must contribute _____ of his basic pay + DA.
- 10%
 - 20%
 - 25%
 - 30%
43. In recruitment in Central Govt. organizations, the percentage of reservation applicable to SC and ST categories respectively is _____ (Pick the correct option)
- 15% and 7.5%
 - 7.5% and 15%
 - 15% and 27%
 - 7.5% and 27%
44. In promotion cases in Central Govt., the % of reservation for OBC categories applicable is:
- 27%
 - 15%
 - 7.5%
 - None of the above
45. As per 7th CPC, an employee in Pay Level-3 will belong to _____ category.
- Group D employee
 - Group C employee
 - Group B employee
 - Group A employee
46. An increment to an employee is given _____ every year.
- Once
 - Twice
 - Thrice
 - None of the above

47. Right to Information Act is in force since _____
- 2003
 - 2004
 - 2005
 - 2006
48. A Govt. servant in Pay Level-3 (Junior Assistant) working at IIT Hyderabad will be eligible for the following transport allowance (Pick the correct option):
- Rs. 7200 + DA
 - Rs. 5400 + DA
 - Rs. 3600 + DA
 - Rs. 1350 + DA
49. CCS (CCA) Rules cover which one of the following:
- Major Penalties
 - Minor Penalties
 - Both the above options
 - None of the above
50. IIT Hyderabad functions under which Department of the Govt. of India?
- Department of Scientific & Industrial Research
 - Department of School Literacy
 - Department of Technical Education
 - Department of Higher Education