



University of Engineering and Management, Kolkata

Term- I Examination, February, 2024

Programme Name: B.Tech (CSE, CSE(IOT, BCT & CS),

CSE(AIML), CST, CSIT, ECE, EE, ME, BT)

Semester: 6th

Course Name: Skill Development for Professionals- VI

Course Code: HSMC682

Full Marks: 30

Time: 1hour

Part - A

Attempt any 15 Out of 20 questions
Each question carries 1 Mark (1 X 15)

1. A can do a piece of work in 70 days and B is 40% more efficient than A. The number of days taken by B to do the same work is 1
A. 40 days
B. 60 days
C. 50 days
D. 45 days
2. The average of nine numbers is 50. The average of the first five numbers is 54 and that of the last three numbers is 52. Then the sixth number is 1
A. 30
B. 34
C. 24
D. 44
3. Three persons A, B, C whose salaries together amount to Rs. 72000 spend 80, 85 and 75 percent of their salaries respectively. If their savings are in the ratio 8 : 9 : 20, then A's salary is 1
A. Rs. 20,000
B. Rs. 16,000
C. Rs. 22,000
D. Rs. 18,000
4. In a village, each of the 60% of families has a cow; each of the 30% of families has a buffalo and each of the 15% of families has both a cow and buffalo. In all there are 96 families in the village. How many families do not have a cow or a buffalo? 1
A 20
B 24
C 26
D 28
5. Aniruddha sold a bicycle at a gain of 8%. Had it been sold for ₹75 more, the gain would have been 14%. The cost price of the bicycle was 1
A. ₹1200
B. ₹ 1250

C. ₹1350
D. ₹1500

- 6 Ashish, Jitendra, Mahendra, Prayank, and Shan when arranged in descending order of their weight from the top. Ashish becomes third, Shaan is between Prayank and Ashish while Mahendra and Prayank are not at the top. Who among them is the second? 1
A. Shaan
B. Jitendra
C. Mahendra
D. Data Inadequate
- 7 Shafi starts from a point A and travels 3 km eastwards to B and then turns left and travels thrice that distance to reach C. He again turns left and travels five times the distance he covered between A and B and reaches his destination D. The shortest distance between the starting point and the destination is 1
A. 12 km
B. 15 km
C. 16 km
D. 18 km
- 8 In a certain code language 'food is good' is written as 'ho na ta', 'eat food regularly' is written as 'sa ta la' and 'keep good health' is written as 'da na ja'. How is 'eat' written in that code language? 1
A. la
B. sa
C. sa or da
D. None of these
- 9 In a certain code, FIRE is written as QHOE and MOVE as ZMWE. Following same rule of coding, what should be the code for the word OVER? 1
A. MWED
B. MWEO
C. MWOE
D. MWZO
- 10 Pointing to Roshan, Deepa says, "He is the son of my grandfather's only son." How is Roshan related to Deepa? 1
A. Cousin
B. Brother
C. Uncle
D. None of these

DIRECTION: (11-16) Read the following sentences and identify the part that has an error. Provide brief explanation regarding the error.

- 11 He uses (A) / the mock-heroic (B) / style to depict a violence (C) / No Error (D) 1
A. A
B. B
C. C
D. D
- 12 Keep in view (A) / the public's demands (B) / the company has declared to lower the price of the product. (C) / No Error (D) 1
A. A

- B. B
- C. C
- D. D

- 13 I came across (A) / her last month in Chennai (B) / and invited her to come to Delhi (C) / 1
No Error (D)
A. A
B. B
C. C
D. D
- 14 The minister readily (A)/ gave assurance that (B)/ the matter will be looked into as soon 1
as possible. (C)/ No error (D)
A. A
B. B
C. C
D. D
- 15 The social worker has championed the cause(A) / from the weak and oppressed (B)/for the 1
last four decades. (C)/ No error.(D)
A. A
B. B
C. C
D. D
- 16 He is the most intelligent(A) /and also the very talented (B)/student of the college. (C)/ No 1
error(D)
A. A
B. B
C. C
D. D
- 17 In the following the question choose the word which best expresses the **SAME** meaning 1
of the given word.
TOIL
A. Test
B. Spoil
C. Tell
D. Work hard
- 18 In the following question choose the word which is the exact **OPPOSITE** of the given 1
word.
KNACK
A. Disgusting
B. Inability
C. Skill
D. Enmity
- 19 In the following the question choose the word which best expresses the **SAME** meaning 1
of the given word.
ABSOLVE
A. Consume
B. Punish

- C. Acquit
- D. Withheld

20 In the following question choose the word which is the exact **OPPOSITE** of the given word. 1

ALTRUISTIC

- A. Selfish
- B. Cruel
- C. Unkind
- D. Evil

Part - B

Attempt any 1 out of 3 questions
Each question carries 5 Marks (1 X 5)

Direction(21-23): Choose any one of the topics and write the answer according to the questions.

- 21 **Write an argumentative essay on the following topic:** 5
Should Parents limit screen time for kids?
- 22 Imagine you are applying for a summer internship at a local tech startup. Create a professional CV highlighting your relevant skills and experiences, even if they are from non-technical areas. 5
- 23 Think about your dream summer job at a creative agency or media company. Design a professional CV highlighting your relevant skills and experiences, even if they are from outside the creative field. Focus on transferable skills like problem-solving, collaboration, and communication. 5

Part - C

Each question carries 2 marks (2 X 5)

Direction(24-28): Read the passage given below and answer all the questions that follow.

Prince Siddhartha, the son of king Suddhodan, lived a very happy life in the pleasure-palace. He was married to a beautiful princess, Yashodhara. There was music, dancing and pleasure all around him. He knew nothing of want, pain, disease, old age or death. One day a veena was put on the window sill. The wind touched the strings and it produced a music. The prince heard that the Devas were playing on the veena. He heard them giving a message. The voices of the wind told the prince that he was born to save mankind. The world was waiting for him. He should leave worldly love to save humanity from miseries of life. He felt a great desire to see the vast world outside the pleasure-palace. When the king came to know of the prince's desire, he ordered that the whole city should be decorated beautifully. The prince should not see any ugly and painful sight. No blind, sick, old person or a leper should come out. So the city of Kapilvastu was decorated in a very fine way. It looked quite clean and attractive – 'a capital of some enchanted land'. The people welcomed the prince joyfully. The prince also felt happy to see people's joy. Then the prince saw an old man. He was wearing dirty and torn clothes. He was very lean and thin. He looked very tired and weak. He had no teeth. The prince asked his charioteer, Channa, who that man was. Channa told him that he was an old man. The prince asked if old age would come to all. Channa told him that it would. This made the prince very sad. He ordered Channa to return to the palace. He did not take food. The entire night he was sleepless, uncomforted. That night the king

saw a very fearful dream. He dreamed seven signs of fear. He was much disturbed. He lost all peace of mind. He called dream-readers to explain the meaning of the seven visions but none of them could explain the meaning. At last an old hermit came to the palace. He said that the seven fears were seven joys. The prince would shine like the sun. He would leave the world and give a new message of hope and love for the suffering humanity. The king became very sad. For the prince's second trip, he doubled the number of guards at all the doors of the palace. He tried his best to divert the mind of the prince but his efforts were of no use. The Prince desired to see the city once more. The king gave permission for it. The next day, the prince dressed like a merchant and Channa in the dress of his clerk went out to see the city once more. The prince saw all kinds of people and all the common things. The prince saw a sick man. He was painfully crying for help. He asked Channa why the man was crying. Channa told him that he (the sick man) was suffering from a fatal disease. The disease would destroy all his powers. Then he would die. Channa further told the prince that all grow old, fall sick and die. Then the prince saw a dead body being carried towards the river bank. He saw a group of people. They were crying, 'Ram, Ram satya hai'. The sight of the dead man and his cremation moved the prince deeply. Channa told him that no man is immortal. All must die. The prince was greatly troubled in mind. He said that he would try to remove suffering from the world. He then asked Channa to return home as he had seen enough.

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| 24 | Describe the life Prince Siddhartha enjoyed in the palace before his first journey outside. | 2 |
| 25 | What decision did Prince Siddhartha make after witnessing these sights, and what did he ask Channa to do? | 2 |
| 26 | What were the seven signs of fear the king saw in his dream, and how were they interpreted by the hermit? | 2 |
| 27 | Describe the three sights that truly affected Prince Siddhartha during his second journey outside the palace. | 2 |
| 28 | What does the passage suggest about the turning point in Prince Siddhartha's life? | 2 |