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Roll No. ....

# XMC-201

**M. C. A. (SECOND SEMESTER)**

**MID SEMESTER**

**EXAMINATION, 2021-22**

**PROFESSIONAL COMMUNICATION &**

**CAREER SKILLS—II**

**Time : 1½ Hours**

**Maximum Marks : 50**

**Instructions for candidates :**

- (i) This question paper consists of 50 questions.
- (ii) All questions are compulsory.
- (iii) Each question carries 1 mark.
- (iv) Use of calculator is not allowed.

**Directions (Q. Nos. 1-30) :** Choose the correct option in the following questions and mark that option as your answer :

1. A student multiplied a number by  $\frac{3}{5}$  instead of  $\frac{5}{3}$ . What is the percentage error in the calculation ?

(a) 34%

*P. T. O.*

- (b) 44%  
(c) 54%  
(d) 64%
2. 80% of the students are boys in a school of strength 100. Due to bad performance, some boys left the school, so that now boys constitute 50% of the total students. How many boys left the school ?  
(a) 60  
(b) 50  
(c) 48  
(d) 20
3. A is 25% less than B while C is 2% more than D. If D is 25% less than A, find the relation between B and C :  
(a)  $27B = 40C$   
(b)  $27C = 40B$   
(c)  $67C = 40B$   
(d) Cannot be determined

6. When the price of a radio was reduced by 20%, its sale increased by 80%. What was the net effect on the sale ?
- (a) 44% increase
  - (b) 44% decrease
  - (c) 66% increase
  - (d) 75% increase
7. Four-fifths of three-eighths of a number is 24. What is 250 per cent of that number ?
- (a) 100
  - (b) 160
  - (c) 120
  - (d) 200
8. A milkman mixes water equal to 20% of the milk with him. What is the amount of water as a percentage of the total mixture quantity ?
- (a) 16.66%
  - (b) 10%
  - (c) 20%
  - (d) 33.33%

12. If the numbers  $\frac{2}{3}$ ,  $\frac{3}{8}$ ,  $\frac{5}{6}$  and  $\frac{3}{4}$  are arranged in the descending order, which will be the second number ?

- (a)  $\frac{2}{3}$
- (b)  $\frac{5}{6}$
- (c)  $\frac{3}{8}$
- (d)  $\frac{3}{4}$

13. Which of the following is not a prime

- number ?
- (a) 137
- (b) 181
- (c) 173
- (d) 183

14. If 7463c is completely divisible by 8, what is the value of c ?

- (a) 0
- (b) 1
- (c) 2
- (d) 3

19. A number when divided by 15, gives a remainder of 11. Find the remainder when twice the number is divided by 3 :

- (a) 0
- (b) 2
- (c) 1
- (d) None of the above

20. What is the remainder when  $3^7$  is divided by

8 ?

- (a) 1
- (b) 2
- (c) 3
- (d) 5

21. What is the remainder when  $7^{187}$  is divided by

800 ?

- (a) 143
- (b) 243
- (c) 343
- (d) 443

25. A boy purchased 80 oranges from the market.

After reaching home, he found that 20 of them were rotten. The remaining oranges were sold at a profit of 50% each. Find the overall profit or loss % :

- (a) 10% loss
- (b) 37.5% profit
- (c) 12.5% loss
- (d) 12.5% profit

26. Two items are sold for ₹ 200 each, one at a profit of 15% and the other at a loss of 15%.

What is the overall profit or loss % ?

- (a) 2.25% loss
- (b) 5% loss
- (c) 2.25% profit
- (d) None of the above

27. A milkman mixes 25% water to milk and sells the mixture at a mark-up of 10%. What is the

overall profit % ?

- (a) 25%
- (b) 35%
- (c) 37.5%
- (d) None of the above

**Directions (Q. Nos. 31-35) :** Choose the option which is in the proper parallel structure :

31. (a) My wedding dress was stained, torn and it had wrinkles.  
(b) My wedding dress had stains, torn and it had wrinkles.  
(c) My wedding dress was stained, torn and wrinkled.  
(d) My wedding dress was stained, tearing and it had wrinkles.
32. (a) His boss was enthusiastic, joking and used to have demands.  
(b) His boss was enthusiastic, used to crack jokes and demanding.  
(c) His boss was enthusiastic, joking and demanding.  
(d) His boss was enthusiastic, used to crack jokes and used to have demands.

- (d) Benefits of coaching include : knowing each player, helping that player to improve and seeing that person succeed in his/her life.

35. (a) At the party, my sister helped us make the cake, gathering kids for games and to drive some kids home.

- (b) At the party, my sister was helping us make the cake, gathering kids for games and to drive some kids home.

38.

- (c) At the party, my sister helped us make the cake, gathered kids for games and to drive some kids home.

- (d) At the party, my sister helped us to make the cake, gathered kids for games and drove some kids home.

**Directions (Q. Nos. 36–40) :** Choose the correct pronoun from the given options in the following sentences :

36. Either Mohan or Vivek has decided to leave ..... position.

- (a) his  
(b) their  
(c) my  
(d) our

39.1



40. Nobody remembered to bring .....  
profile in the class.

- (a) his/her
- (b) their
- (c) our
- (d) its

**Directions (Q. Nos. 41–45) :** Choose the most logical order of the sentences from the given choices :

41. (A) If you are used to having your stimulation come in from outside, your mind never develops its own habits of thinking and reflecting.

(B) Marx thought that religion was the opiate because it soothed people's pain and suffering and prevented them from rising in rebellion.

(C) If Karl Marx was alive today, he would say that television is the opiate of the people.

- (a) ACBD
  - (b) CABD
  - (c) ABCD
  - (d) DBCA
43. (A) The birds spent far more of their time—upto a third—pecking at the inanimate objects in the pens, in contrast to birds in other pens which spent a lot of time attacking others.
- (B) In low light conditions, they behave less belligerently but are more prone to ophthalmic disorders and respiratory problems.
- (C) In an experiment, aggressive head-pecking was all but eliminated among birds in the enriched environment.
- (D) Altering the birds' environment, by adding bales of wood-shavings to their pens, can work wonders.
- (a) DCAB
  - (b) CDBA
  - (c) DBAC
  - (d) BDCA

(D) The conqueror shall cause enemy kingdom to be destroyed by neighboring kings, jungle tribes, pretenders or unjustly treated princes.

- (a) BCAD
- (b) BCDA
- (c) ACDB
- (d) BDCA

**Directions (Q. Nos. 46–50) :** Choose the correct option after reading the paragraph and the question in each of the following :

46. Studies last year concluded coffee drinking had little, if any, effect on the risk of pancreatic or kidney cancer. A study of 59,000 women in Sweden found no link between caffeine and kidney cancer. Another review suggested that those who drink coffee have half the risk of pancreatic cancer.

Which of the following statements, if true, would weaken the conclusion drawn above ?

- (a) The study is done in cold countries only, countries in arid and semi-arid regions are not considered under this study.

48. When the tourist boat capsized, the crime branch arrested the forest department's ticket collector, Prakashan, based on the allegation that he did not check the tickets properly. But could Prakashan, who works on daily wages be the real culprit ?

Which of the following is not what the passage is intended to indicate ?

- (a) Prakashan may not be the real culprit.
- (b) Prakashan has not checked the tickets properly.
- (c) Prakashan may not be the main person behind the mishap.
- (d) The police have behaved irresponsibly.

49. We, at Comfort Stationers, have always been striving to provide stationery items that would make your work more enjoyable and less strenuous. Our latest innovations are a smooth-flow pen and gradual-friction paper. A combination of these two reduces strain on your fingers and allows faster writing the causes lesser fatigue. Therefore, replacement

when they are being driven at speeds above 50 km/hr. It is also observed that the two wheelers are driven at this speed mostly on roads having scanty traffic.

Which of the following can be concluded from the given paragraph ?

- (a) Accidents do not take place because of heavy traffic.
- (b) It is not possible to drive two wheelers at speeds above 50 km/hr. on the roads having heavy traffic.
- (c) Two wheelers drivers tend to become reckless while driving on roads having scanty traffic.
- (d) Most of the accidents involving two wheelers take place on roads having scanty traffic.