USN | | | | | | | | | | Course Code | 2 | 2 | P | S | W | 4 | 7 |

Fourth Semester B.E. Degree Examinations, June/July 2025
PROFESSIONAL SKILLS FOR THE WORK PLACE

Duration: 1 hr   Max. Marks: 50

Note: 1. All questions are compulsory 2. Each question carries 1 mark 3. Use only black ball point pen
4. Darkening two circles for the same question marks the answer invalid
5. Damaging/overwriting using whiteners on the OMR are strictly prohibited.

Q.No	Question

1. Guddu has 7^7 chocolates and he wants to distribute them equally among 2^4 friends. If so, then how many chocolates are left with Guddu?
A. 7   B. 5   C. 1   D. 0

2. If REACHING TOMORROW is coded as HOJIDBFS XPSSPNPU, then UIHJMG EFZPKOF means
A. TRAINS DELAYED   B. FLIGHT JOURNEY
C. FLIGHT ENJOYED   D. FLIGHT CANCELS

3. A number when divided by 7, leaves a remainder x. When divided by 19, it leaves a remainder 2x. Also, when divided by 39, it leaves a remainder 3x. If x=4, then find the least possible such number.
A. 4305   B. 4302   C. 4301   D. 9489

4. At what time between 3'O clock to 4'O clock, the hands of the clock will be straight but not together?
A. 47 minutes past 3   B. $49\frac{1}{11}$ minutes past 3
C. $48\frac{5}{11}$ minutes past 3   D. 50 minutes past 3

5. If 'nso ptr kli chn' stands for 'Sharma gets marriage gift', 'ptr lnm wop chn' stands for 'wife gives marriage gift', 'tti wop nhi' stands for 'he gives nothing', what would mean 'gives'?
A. chn   B. ptr   C. nhi   D. wop

6. Fill the appropriate letters/number which follows the series: A2C, D5F, G8I, _____, M14O
A. J11L   B. H11J   C. J12L   D. H12J

7. Find the missing number in the given series: 1, 2, 5, 10, ___, 26, 37...
A. 17   B. 19   C. 15   D. 20

8. Two numbers are in the ratio 11:13. If their HCF is 6, then their LCM is _____.
A. 143   B. 858   C. 916   D. 256

9. The product of two numbers is 7168 and their HCF is 16. Find the numbers.
A. 128 & 28   B. 16 & 484   C. 64 & 112   D. 16 & 235

10. If today is Friday, what will be the day after 71 days?
A. Sunday   B. Friday   C. Saturday   D. Monday

11. Identify the adjective: "The new governor was elected after an unexpectedly tight race."
A. elected   B. unexpectedly   C. tight   D. governor

12. Choose the correct preposition for the blank: I've had my car _____ 1994.
A. for   B. because   C. since   D. besides

13. Which beginning can we add to root word 'do' to give an opposite meaning?
A. pre   B. re   C. in   D. un

14. What is the unit digit in the expansion of $46 \times 73 \times 92$?
A. 2   B. 4   C. 6   D. 8

15. What is the remainder when 2^5 is divided by 2?
A. 1   B. 2   C. 3   D. 0

16. How many numbers are there between 30 and 60 that are divisible by 2?
A. 14   B. 15   C. 16   D. 17

Note: (**RBTL - Revised Bloom's Taxonomy Level: CO - Course Outcome: PI - Performance Indicator**)

17. What is the sum of all prime numbers between 12 and 20 excluding 13?
    A. 17   B. 19   C. 27   D. 36
18. In the English word, DEGRADE, the prefix *DE* means
    A. inside   B. forward   C. not   D. down
19. Which of these is the synonym for the English word – INDUSTRIOUS?
    A. lethargic   B. garrulous   C. honest   D. hard-working

Directions for the NEXT THREE questions: Read the following sentence to find out whether there is any grammatical error in it. The error, if any, will be in one part of the sentence. The letter of that part is your answer. If there is no error, the answer is option D. Ignore the errors of punctuation, if any.

20. Blowed away by the wind (A), the thin branch of (B) the tree continued (C) to fall. No error (D)
    A. A   B. B   C. C   D. D
21. Thanks again for (A) everything you did for (B) I (C). No error (D)
    A. A   B. B   C. C   D. D
22. Although (A) it hurt (B) when she bent (C) her wrist, she could still move her fingers. No error (D)
    A. A   B. B   C. C   D. D
23. The prefix *ANTI* means
    A. opposite   B. before   C. after   D. forward
24. Which of these is the antonym for CIRCUMSPECT?
    A. observant   B. careful   C. alert   D. None of these
25. Choose the correct article for the blank: Please give me _____ cake that is on the counter.
    A. a   B. an   C. the   D. No article needed
26. What is the angle between minute hand and hour hand at 5:30 p.m.?
    A. 15 degrees   B. 25 degrees   C. 180 degrees D. 40 degrees
27. What is the angle between minute hand and hour hand at 1:37 p.m.?
    A. 183.5 degrees B. 190 degrees C. 173.5 degrees D. None of these
28. If FAMOUS stands for SUOMAF, what is the code for PARENT?
    A. TNEARP   B. TNERAP   C. SUOMAP   D. PARTEN
29. If CAB is coded as 312, then the code for DIG is _____.
    A. 213   B. 497   C. 526   D. 123
30. If the HCF of two numbers A and B is 1, then what is their LCM?
    A. 2ab   B. ab
    C. 4ab   D. Cannot be determined
31. Two numbers are in the ratio 2: 3. If their HCF is 7, find the sum.
    A. 5   B. 15   C. 35   D. 70
32. Pointing towards a man, a woman said, "He is the son of only daughter of my mother." How is the man related to woman?
    A. Brother   B. Nephew   C. Son   D. Cousin
33. Which of these is the BEST antonym for STINGY?
    A. generous   B. tight   C. lower   D. fool
34. Which of these is the BEST antonym for BENEFICIAL?
    A. careless   B. malicious   C. supreme   D. insincere
35. Which of these is the adverb in the sentence: "She is not honest."
    A. She   B. is   C. not   D. honest
36. Find the missing letters in the series: O, T, T, F, F, S, S, _, _, _
    T,T,O   B. E,N,T   C. G,G,O   D. None of these
37. Find the missing letter in the series: B, C, E, G, _, M
    A. D   B. K   C. H   D. L
38. Pointing to a photograph of a boy, Suresh said, "He is the son of the only son of my mother." How is Suresh related to that boy?
    A. Brother   B. Nephew   C. Son   D. Father
39. If A is the brother of B; B is the sister of C; and C is the father of D, how D is related to A?
    A. Nephew   B. Sister
    C. Brother   D. Cannot be determined

40. A person starts walking straight 5 km, turns right and walks 12 km. How far is he from the starting point?
A. 13 km   B. 14 km   C. 11 km   D. 10 km

41. One morning, Raj and Anjali were talking to each other face to face on a crossing. Raj's shadow was towards the right of Anjali. Which direction was Raj facing?
A. South   B. East   C. North   D. West

42. A person walks 5 km north-west, then 6 km south followed by 5 km south-east. How far is he from the starting point?
A. 4 km   B. 5 km   C. 6 km   D. None of these

43. One morning, a person starts walking towards his shadow, turns right and walks 70 m, turns left twice and finally turns right. Which direction is he facing?
A. West   B. South   C. North   D. East

44. Due to an accident, the direction pole was rotated by 135 degrees counter clockwise. If you want to go north, then which direction shows the correct direction for north?
A. North   B. South-West   C. South-East   D. North-West

45. A and B are brothers. C and D are sisters. A's son is D's brother. How is B related to C?
A. Father   B. Grandfather   C. Uncle   D. None of these

46. Neelam, who is Deepak's daughter, says to Deepika, "Your mother Rekha is the younger sister of my father who is the third child of Ramlal." How is Ramlal related to Deepika?
A. Father   B. Uncle   C. Father-in-law   D. None of these

47. Look at this series: U32, V29, __, X23, Y20, ... What number should fill the blank?
A. W17   B. W26   C. Z17   D. W21

48. A is the son of B. C, B's sister has a son D and a daughter E. F is the maternal uncle of D. How many nephews does F have?
A. None   B. One   C. Two   D. Three

49. Find the next term in the series: 16, 17, 21, 30, 46, 71
A. 89   B. 96   C. 107   D. 142

50. Which of these is the BEST antonym for HUNGRY?
A. sleepy   B. happy   C. full   D. enjoy

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