

B.Tech. DEGREE EXAMINATION, JANUARY 2024
Sixth Semester

18PDH201T – EMPLOYABILITY SKILLS AND PRACTICES
(For the candidates admitted during the academic year 2020-2021 & 2021-2022)

Time: Two Hours

Max. Marks: 100

Name of the Candidate :

Register Number :

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Signature of the Candidate :

INSTRUCTIONS TO THE CANDIDATE

1. The Question Booklet contains 80 Questions.
2. **ANSWER ALL** the questions. **This paper contains TWO parts.**
3. **CALCULATORS OR ANY OTHER MATHEMATICAL DEVICES ARE NOT ALLOWED.**
4. Write your **NAME, REGISTER NUMBER** and put your **SIGNATURE** in the places specified on the first page of this Question Booklet.
5. Do not open this Question Booklet until the Hall Superintendent signals the commencement of the examination.
6. Check whether the Answer Sheet and the Question Booklet are in good condition. If not, before writing anything on the Answer Sheet, ask for the replacement of the Question Booklet / Answer Sheet.
7. Write and shade your **REGISTER NUMBER**, in the specified place in the **OMR** coding sheet.
8. Write and shade the question paper version code in the specified place in the **OMR** coding sheet.
9. Answer should be shaded with **BLUE or BLACK BALL PEN** in the Coding Sheet.
10. All instructions given in the **OMR** coding sheet should be strictly followed.
11. Use Answer Sheet carefully. No spare Answer Sheet will be given.
12. The answer should be given only in the Answer Sheet.
13. The last few pages of the Question Booklet are blank, except for the words 'Rough Work'. You can use them for any rough calculations.

PART – A (50 Marks)

Instructions:

Question No. 1 to 10 carries 2 marks each

Question No. 11 to 40 carries 1 mark each

1. Four added to half of one-third of one-sixth of a number is equal to one-twelfth of number. What is the number?
(A) 48 (B) 36
(C) 72 (D) 54
2. Ratio of 2 numbers is 11:5 and their sum is 80. Find the product of the numbers?
(A) 1375 (B) 1575
(C) 1675 (D) 550
3. 150 is what percent of 120?
(A) 150 (B) 125
(C) 80 (D) 75
4. If I walk at 5 kmph I reach the bus stop 5 minutes late and if I walk at 6 kmph, I reach 5 minutes early. How far is the distance?
(A) 30 km (B) 10 km
(C) 15 km (D) 5 km
5. Find the number of factors of 3420?
(A) 30 (B) 36
(C) 42 (D) 48
6. A man buys a cycle for ₹ 1400 and sells it at a loss of 15%. What is the selling price of the cycle?
(A) ₹ 1090 (B) ₹ 1190
(C) ₹ 1160 (D) ₹ 1100
7. In how many ways can the letters of the word 'LEADER' be arranged?
(A) 360 (B) 70
(C) 144 (D) 200
8. What is the probability of getting a sum 9 from two throws of a dice?
(A) $\frac{1}{6}$ (B) $\frac{1}{8}$
(C) $\frac{1}{9}$ (D) $\frac{1}{12}$
9. A man crosses a platform 600 meters long in 5 minutes. Find his speed in kmph?
(A) 6.2 (B) 5
(C) 7.2 (D) 9
10. If 20 men take 30 days to complete a job, in how many days can 25 men complete the same job?
(A) 30 (B) 20
(C) 24 (D) 35

11. A person was receiving a salary of Rs.20000. Find his new salary after an increase of 20%.
- (A) 25000 (B) 26600
(C) 24000 (D) 34000
12. A person sold an article for Rs.1100 at a profit of 10%. Find the cost price.
- (A) 500 (B) 1100
(C) 1000 (D) 990
13. A person bought an old TV for Rs. 4700 and spends Rs. 800 on its repairs. If he sells the TV for Rs. 5800, what is his gain?
- (A) 500 (B) 100
(C) 300 (D) 490
14. The present age of A and B is in the ratio 3:4. If A's age is 15 years, then find the present age of B?
- (A) 50 (B) 10
(C) 30 (D) 20
15. A father is twice as old as his daughter. Sum of their ages is 60. Find the present age of father?
- (A) 40 (B) 32
(C) 33 (D) 42
16. Find the number of zeros at the end of 200!
- (A) 48 (B) 49
(C) 50 (D) 51
17. Find the number of diagonals in a decagon?
- (A) 35 (B) 45
(C) 40 (D) 55
18. In a class of 200 students 75 don't play cricket, 100 don't play football and 50 play both the games. How many students play none of the games?
- (A) 20 (B) 25
(C) 30 (D) 35
19. Two dice are thrown at a time. What is the probability that the sum of the numbers on the dice is 6 or 9?
- (A) $\frac{1}{2}$ (B) $\frac{1}{4}$
(C) $\frac{1}{8}$ (D) $\frac{1}{6}$
20. Ram picked a letter from the set of English alphabets and found it to be a vowel. What is the probability that it is E?
- (A) $\frac{25}{26}$ (B) $\frac{1}{26}$
(C) $\frac{5}{26}$ (D) $\frac{1}{5}$

21. A is two years older than B who is twice as old as C. If the total ages of A, B and C be 27, then how old is B?
 (A) 7 (B) 8
 (C) 9 (D) 10
22. Find the missing term in the series: 1, 8, 27, _____, 125, 216.
 (A) 64 (B) 81
 (C) 16 (D) 36
23. Find the missing term in the series: 2, 5, 9, ____, 20, 27.
 (A) 14 (B) 16
 (C) 18 (D) 24
24. In the following question find out the alternative which will replace the question mark:
 Flow : River : Stagnant: ____?
 (A) Rain (B) Stream
 (C) Pool (D) Canal
25. In the following question find out the alternative which will replace the question mark:
 NATION : ANTINO : HUNGRY: ____?
 (A) HNUGRY (B) UHNGYR
 (C) YRNGYH (D) UNHGYR
26. In a certain code, PAPER is written as QPARE. How is TABLE written in that code?
 (A) UBALE (B) UBCMF
 (C) UZAKD (D) UBAEL
27. Pointing to an old man, Ram said, "His son is my son's uncle." How is Ram related to the man?
 (A) Brother (B) Son
 (C) Father (D) Cousin
28. What are the missing numbers in this series, 15, 20, 24, 15, 28, 32 15, __, __, 15?
 (A) 37, 41 (B) 36, 40
 (C) 38, 42 (D) 40, 44
29. RQP, ONM, __, IHG, FED, find the missing letters.
 (A) CDE (B) LKI
 (C) LKJ (D) BAC
30. If sky is called sea, sea is called water, water is called air, air is called cloud and cloud is called river, then what do we drink when thirsty?
 (A) Sky (B) Air
 (C) Water (D) Sea

Direction for Q.No. 31 to 35:

Each question is followed by two Statements I and II. Indicate your responses based on the following directives:

- (A) If the question can be answered using one of the statements alone, but cannot be answered using the other statement.

- (B) If the question can be answered using either statement alone.
- (C) If the questions can be answered using I and II together but not using I (or) II alone
- (D) If the question cannot be answered even using I and II together.

31. What is the value of X, if X and Y are two distinct integers and their product is 30?
 I. X is an odd integer
 II. $X > Y$
32. Is m divisible by 6?
 I. m is divisible by 3
 II. m is divisible by 4
33. What day is the fourteenth of a given month?
 I. The last day of the month is a Wednesday.
 II. The third Saturday of the month was seventeenth.
34. On which of the week definitely was Ram's birthday?
 I: Ram celebrated his birthday after Monday but before Saturday.
 II: Ram's friends met Ram on his birthday before Wednesday.
35. John is writing out an arithmetic sequence. How many terms does he need to write out before he writes a term greater than or equal to 1,000?
 I: The fourth term is 50.
 II: The twentieth term is 418.

Directions for questions 35 to 40:

A, B, C, D and E are members of the school basketball team. When asked about the number of points they scored in the previous match. They gave the following answers.

- A: B, D and E together scored 77 points
- B: C, E and A together scored 60 points
- C: A, B and D together scored 58 points
- D: E, B and C together scored 69 points
- E: A, C and D together scored 54 points

36. What were the highest points scored by any player in the match?
 (A) 31 (B) 30
 (C) 28 (D) 26
37. How many points did 'D' score in the match?
 (A) 20 (B) 25
 (C) 26 (D) 27
38. If only these 5 players had played for the team, then what were the total points, that the team scores?
 (A) 106 (B) 112
 (C) 100 (D) 118
39. How many of the given players scored were points that what 'C' scored?
 (A) 1 (B) 2
 (C) 3 (D) 4

40. Who scored the highest number of points?
- (A) E (B) C
(C) B (D) A

PART – B (50 Marks)

Instructions:

Question No. 41 to 50 carries 2 marks each

Question No. 51 to 80 carries 1 mark each

Read the argument and answer the questions that follow.

41. Unable to build nests or care for their young, a female cow bird lays upto 40 eggs a year in the nests of other birds including warblers, vireos, flycatchers and thrushes.
- (A) A female cow bird lays upto 40 eggs a year in the nests of other birds, including
(B) A female cow bird will use the nests of other birds to lay up 40 eggs a year, including those of
(C) Female cow birds use the nests of other birds to lay up to 40 eggs a year, including those of
(D) Female cow birds lay up to 40 eggs a year in the nests of other birds including
42. By offering low prices and a menu of personal communication options, such as called identification and voice mail, the new telecommunication company has not only captured customers from other phone companies but also forced them to offer competitive prices.
- (A) Has not only captured customers from other phone companies but also forced them
(B) Have not only captured customers from other phone companies but also forced them
(C) Has not only captured customers from other phone companies but also forced these companies
(D) Not only has captured customers from other phone companies but also these companies have been forced
43. The United States Navy announced that, beginning next year, they plan to close several of their bares in order to reduce operating expenses.
- (A) They plan to close several of their bares
(B) They are planning to close several of their bares
(C) It plans to close several of its bases
(D) They plan several closures of their bares
44. Used until the end of the Second World War, the German army employed the U-boat to attack both military and civilian Warcraft.
- (A) The German army employed the U boat to attack both military or
(B) The U boat was employed by the German army to attack both military and
(C) The U boat employed the German army to attack both military or
(D) The German army had employed the U boat to attack both military and the
45. Despite an expensive publicity campaign, ticket sales for the new play were poor enough that it closed only after two weeks.
- (A) Poor enough that it closed only after two weeks
(B) Poor enough that is was closed after only two weeks
(C) So poor that it closed only after two weeks
(D) So poor that it was closed after only two weeks

In the questions below, four different ways of writing the underlined parts are indicated. Choose the best way of writing the underlined parts.

46. Rahul went to school despite of having a high fever.
(A) Instead of (B) Despite
(C) But (D) Although
47. The planet's average surface temperature has risen about 2.0 degrees Fahrenheit since the late 19th century, a change driving largely by increased carbon dioxide and other human-made emissions into the atmosphere.
(A) Driving largely by (B) Driven largely by
(C) Driven largely to (D) Driven largely with
48. Maslow's Hierarchy of need states that we must satisfy each need in turn starting with the first, dealing in the most obvious needs of survival itself.
(A) Starting with the first, dealing in the most obvious needs of survival itself (B) Starting with the first, which deals with the most obvious needs of survival itself
(C) First starting with the one that deals with the most obvious needs of survival itself (D) Starting with the first, which is dealt with the most obvious needs of survival itself
49. A poem has being written by me.
(A) Has being (B) Have being
(C) Is being (D) Were being
50. Did the mechanic has fixed your car?
(A) Did the mechanic has fixed your car? (B) Has the mechanic did fix your car?
(C) Have the mechanic fixed your car? (D) Did the mechanic fix your car?

Choose the synonym of the underlined word.

51. Some hotels charge exorbitant rates for phone calls.
(A) acceptable (B) reasonable
(C) reliable (D) excessive
52. Being a member of this club, he has certain privileges.
(A) virtues (B) facilities
(C) gains (D) rights
53. The government imposed onerous taxes on imports.
(A) Gratuitous (B) Burdensome
(C) Facile (D) Relieving
54. Zeus was a legendary character from Greek mythology.
(A) Infamous (B) Renowned
(C) Obscure (D) Recondite
55. I do meditate whenever I am in solitude.
(A) Togetherness (B) Loneliness
(C) Hatred (D) Company

Choose the antonym of the underlined word.

56. Dinesh could manage his family satisfactorily with his meagre income.
(A) Continuous (B) Fabulous
(C) Hard (D) Adequate
57. His short but pointed speech was applauded by all sections of the audience.
(A) Disapproved (B) Misunderstood
(C) Praised (D) Welcomed
58. I thought about her a lot during the following month.
(A) Succeeding (B) Proceeding
(C) Preceding (D) Receding
59. His interpretation of the poem was superficial.
(A) Mysterious (B) Difficult
(C) Profound (D) Mystical
60. The chairman rebuked the accounts officer for not supervising the work of his subordinates.
(A) Received (B) Awarded
(C) Invited (D) Praised

Choose the sentence that best completes the sentence semantically/grammatically.

61. As a result of the _____ storm, some homes were shattered.
(A) Moderate (B) Slow
(C) Cold (D) Severe
62. At dawn, the new world seemed less _____.
(A) Tainted (B) Scary
(C) Putrid (D) Bright
63. As he listened to the accident report, his attitude was _____.
(A) Jocular (B) Opportune
(C) Blightly (D) Sombre
64. Her _____ were all part of a well-thought out plan.
(A) Gloomy (B) Constructions
(C) Actions (D) Food
65. The accident left him with _____ and a fracture.
(A) Grudge (B) Silence
(C) Bruises (D) Awe

Identify the part of the sentence that contains an error, if there is no error, Choose "No error" option.

66. She (A)/ replied that (B)/ she feel better. (C)/ No error (D).
67. She is (A)/more prettier than her (B)/friend Sheela (C)/No error (D)

68. She regards (A) negotiating prices with customers (B) as her special preserve. (C) No error. (D).
69. She reluctantly said that /(A) if nobody else was doing it /(B) she will do it. /(C) No error.(D).
70. Sheela has scored a first class (A) / in her final exams, (B) / isn't it ? (C) / No error (D).

Choose the pair that has the similar relationship with that of the question pair.

71. Tree: Sapling
 (A) Mountain: Rock (B) Horse: Donkey
 (C) Mammoth: Giant (D) Hut: Mansion
72. Laboratory: Germs
 (A) School: Students (B) Playground: Games
 (C) Library: Books (D) Observatory: Planets
73. Visitor: Welcome
 (A) Beggar: Hungry (B) Worship: God
 (C) Criminal: Prosecute (D) Warrior: Conquer

Rearrange the following sentences to form a coherent paragraph.

74. P. He was bone-weary and soul-weary, and found himself muttering, - Either I can't manage. this place, or it's unmanageable.
 Q. To his horror, he realized that he had become the victim of an amorphous, unwitting, unconscious conspiracy to immerse him in routine work that had no significance.
 R. It was one of those nights in the office when the office clock was moving towards four in the morning and Bennis was still not through with the incredible mass of paper stacked before him.
 S. He reached for his calendar and ran his eyes down each hour, half-hour, and quarter-hour, to see where his time had gone that day, the day before, the month before.
 (A) PQRS (B) RPQS
 (C) QSRP (D) SRQP
75. P. The likelihood of an accident is determined by how carefully the motorist drives and how carefully the pedestrian crosses the street.
 Q. An accident involving a motorist and a pedestrian is such a case.
 R. Each must decide how much care to exercise without knowing how careful the other is.
 S. The simplest strategic problem arises when two individuals interact with each other, and each must decide what to do without knowing what the other is doing.
 (A) PQRS (B) PSRQ
 (C) SQRP (D) SQPR

Read the passage and answer the questions that follows:

Speech is a great blessing but it can also be a great curse, for while it helps us to make our intentions and desires known to our fellows, it can also, if we use it carelessly, make our attitude completely misunderstood. A slip of the tongue, the use of the unusual word, or an ambiguous word, and so on, may create an enemy where we had hoped to win a friend. Again, different classes of people use different vocabularies and the ordinary speech of an educated may strike an uneducated listener as pompous. Unwittingly, we

may use a word which bears a different meaning to our listener from what it does to men of our own class. Thus speech is not a gift to use lightly without thought, but one which demands careful handling. Only a fool will express himself alike to all kinds of men.

76. The best way to win a friend is to avoid
(A) Irony in speech (B) Pomposity in speech
(C) Verbosity in speech (D) Ambiguity in speech
77. While talking to an uneducated person, we should use
(A) Extraordinary speech (B) High vocabulary
(C) Simple words (D) Polite language
78. If one used the same style of language with everyone, one would sound
(A) Flat (B) Boring
(C) Fooling (D) Democratic
79. A slip of the tongue means something said
(A) Wrongly by choice (B) Unintentionally
(C) Giving proper thought (D) To hurt another person
80. Speech can be a curse, because it can
(A) Hurt others (B) Lead to carelessness
(C) Create misunderstanding (D) Reveal our intentions

* * * * *

WORK SHEET

