UGC NET Paper 1 – 9 Sept Morning

1. Read the following passage and answer the questions that follow.

The following table shows the total number of Runs scored by five leading batters (A–E) in 20 Twenty20 (T20) cricket matches of the Women's Premier League (WPL)–2026, along with the highest number of Runs scored in any of these 20 matches and the number of matches in which each Batter has scored 100 or more runs, scored from 50 to 99 Runs and scored zero (0) Runs. Based on the data in the table, answer the questions that follow :

Batter-wise Performance Details in 20 T20 Cricket Matches:

Batter	Total Number of Runs in 20 matches	Highest Number of Runs in any one of 20 matches	Number of Matches with 100 or more Runs	Number of Matches with 50-99 Runs	Number of Matches with Zero (0) Runs
A	988	141	5	3	1
B	752	130	1	8	2
C	409	52	-	1	2
D	653	94	-	4	1
E	780	85	-	7	-

Note : The symbol '–' is assumed to mean zero occurrences.

If M and N, respectively, represent the average number of Runs scored by the top two batters in terms of total number of Runs, excluding the number of matches where they scored zero (0) Runs, then M - N = _____.

1. 11
2. 7
3. 5
4. 13

2. Read the following passage and answer the questions that follow.

The following table shows the total number of Runs scored by five leading batters (A–E) in 20 Twenty20 (T20) cricket matches of the Women's Premier League (WPL)–2026, along with the highest number of Runs scored in any of these 20 matches and the number of matches in which each Batter has scored 100 or more runs, scored from 50 to 99 Runs and scored zero (0) Runs. Based on the data in the table, answer the questions that follow :

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D	653	94	-	4	1
E	780	85	-	7	-

Note : The symbol '–' is assumed to mean zero occurrences.

What will be the average of the total number of Runs scored by Batter C, excluding the number of matches where she scored zero Runs and the one where she scored highest number of Runs ?

1. 21
2. 22
3. 19
4. 17

3. Read the following passage and answer the questions that follow.

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Note : The symbol '–' is assumed to mean zero occurrences.

The difference between the two highest total number of Runs scored by batters is _____ less than the difference between the two lowest total number of Runs scored by batters (in all the 20 matches taken together)

1. 24
2. 36
3. 28
4. 32

4. Read the following passage and answer the questions that follow.

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E	780	85	-	7	-

Note : The symbol '–' is assumed to mean zero occurrences.

If P, Q, R, S and T, respectively, represent the number of matches where each of the five Batters (A–E) scored from 1 to 49 Runs, then which of the following order is correct ?

1. P < Q < S < T < R
2. T < Q < P < R < S
3. S < Q < P < T < R
4. Q < P < T < S < R

5. Read the following passage and answer the questions that follow.

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D	653	94	-	4	1
E	780	85	-	7	-

Note : The symbol '–' is assumed to mean zero occurrences.

Excluding the one match with the highest number of Runs in any one of the 20 matches and the number of matches with 50–99 Runs, what will be the average of the total number of Runs scored by Batter B in various matches, assuming that she scored a total of 402 Runs in 8 matches in the range from 50 to 99 Runs ?
1. 20
2. 18
3. 22
4. 16

6. According to Bloom's Taxonomy, what are the three domains of Learning ?
1. Translation, Interpretation, Extrapolation
2. Interpretation, Communication, Evaluation
3. Affective, Psychomotor, Cognitive
4. Learners, Content, Teaching Methods

7. Which of the following is the correct order of steps in a general lesson plan?
A. Recapitulation
B. Linking previous knowledge
C. Content selection
D. Formulating objectives
E. Presentation
Choose the **correct** answer from the options given below:
1. E, C, B, A, D
2. D, E, B, A, C
3. D, C, B, E, A
4. B, C, D, E, A

8. The Rights of Persons with Disabilities (RPwD) Act, 2016 defines Inclusive Education as a system of education wherein :
A. Disabled students are arranged in separate classrooms.
B. Students with and without disabilities learn together
C. Different curricula are prescribed for learners with and without disabilities
D. System of teaching and learning is suitably adapted to meet the learning needs of different types of students with disabilities
Choose the **correct** answer from the options given below :
1. A, B and C Only
2. B and C Only
3. C and D Only
4. B and D Only

9. Choose the simple hardwares from the following used by the teacher in classroom instruction :
A. Epidiascope
B. Slide projector
C. Teaching machine
D. Television
Choose the **correct** answer from the options given below :
1. A and C Only
2. A and B Only
3. C and D Only
4. C and B Only

10. Match the **LIST-I** with **LIST-II**
LIST-I – (Learning Structures)
A. Signal Learning
B. Chain Learning
C. Multiple discrimination Learning
D. Concept Learning
LIST-II – (Teaching Tactics)
I. Provide opportunity for practice
II. Make students to see similarities and dissimilarities among stimuli
III. Ignore incorrect response and reinforce correct one
IV. Asking students to give examples
Choose the **correct** answer from the options given below:
1. A-IV, B-III, C-II, D-I
2. A-III, B-I, C-II, D-IV
3. A-I, B-II, C-III, D-IV
4. A-II, B-III, C-IV, D-I

11. A researcher divided subjects (participants) into two groups according to gender and then selected members from each group for her sample. What sampling method was the researcher using ?
1. Cluster
2. Stratified
3. Random
4. Systematic

12. Standard deviation (S) and Mean of Squares (MS) of positive numerical values for four different populations P, Q, R and S are given in A–D below. Compute the coefficient of variation (expressed as a percentage) of these four populations and arrange them in ascending order :
A. Population P : S=12 ; MS=1044
B. Population Q : S=9 ; MS=981
C. Population R : S=20 ; MS=2000
D. Population R : S=10 ; MS=2600
Choose the **correct** answer from the options given below :
1. B, D, C, A
2. D, B, A, C
3. C, A, B, D
4. D, C, A, B

13. In IQ Test measure, what are the different aspects of intelligence?
A. Verbal Intelligence
B. Emotional Intelligence
C. Numerical Intelligence
D. Linguistic Intelligence
E. Spatial Intelligence
Choose the **correct** answer from the options given below:
1. B, D and E only
2. A and C only
3. B, C and D only
4. A, C and E only

14. Which of the following are key features of positivist approach to research ?
A. Reliance on qualitative techniques
B. Hypothetico–Deductive Model
C. Replicability
D. Subjective Analysis/Interpretation
Choose the **correct** answer from the options given below :
1. B and C Only
2. C and D Only
3. A and D Only
4. A and B Only

15. Match the **LIST-I** with **LIST-II**
LIST-I – (Researcher Type)
A. Ethnographic
B. Fundamental
C. Action
D. Quantitative
LIST-II – (Description)
I. Solves immediate problems in a specific setting, often collaboratively (e.g., improving classroom management)
II. Seeks to understand cultures and communities in their natural setting through immersion, often employing qualitative methods.
III. Focuses on collecting and analyzing numerical data to describe, predict, or control variables of interest
IV. Primarily aims to test existing theories or build new ones
Choose the **correct** answer from the options given below:
1. A-III, B-IV, C-I, D-II
2. A-IV, B-I, C-II, D-III
3. A-II, B-IV, C-I, D-III
4. A-III, B-I, C-IV, D-II

16. "Communication does not consist of the transmission of meaning. Meanings are not transmitted or transferable. Only messages are transmitted and meanings are not in the message, they are in the message users." Who has made the above statement ?
1. Denis McQuail
2. Raymond Williams
3. Berlo
4. Harold D. Lasswell

17. A pictorial presentation to show the structure of communication process in which various elements are linked; is known as _____.
1. Theory
2. Press Conference
3. Model
4. Propaganda

18. Arrange the following models of communication, chronologically as per their year of introduction, starting from the earliest :
A. Westley and Maclean
B. Osgood
C. Harold D. Lasswell
D. George Gerbner
E. Theodore M. Newcomb
Choose the **correct** answer from the options given below :
1. C, E, B, D, A
2. A, B, C, D, E
3. E, D, C, B, A
4. D, B, A, C, E

19. According to the book "The Dynamics of Mass Communication" by Dominick (1990), what are the main functions of media ?
A. Surveillance
B. Agriculture based knowledge
C. Interpretation
D. Geo–Climatic information
E. Entertainment
Choose the **correct** answer from the options given below :
1. B and D Only
2. A, B and C Only
3. A, C and E Only
4. B, C and D Only

20. Match the **LIST-I** with **LIST-II**
LIST-I – (Communication Theory)
A. Cognitive Dissonance
B. The Cultivation
C. Agenda Setting
D. Democratic–Participant Media
LIST-II – (Coined / Developed / Formulated By)
I. Denis McQuail
II. Maxwell McCombs and Donald L. Shaw
III. George Gerbner
IV. L.A. Festinger
Choose the **correct** answer from the options given below:
1. A-IV, B-III, C-II, D-I
2. A-I, B-II, C-III, D-IV
3. A-III, B-IV, C-I, D-II
4. A-II, B-I, C-IV, D-III

21. Two students contested in an election in a college. One of the students got 65% of the total valid votes. There were 15% invalid votes. If there were 18000 total votes, find the number of valid votes got by the other student.
1. 5355
2. 5500
3. 5300
4. 5450

22. Which of the following is/are correct ?
A. The average of the squares of first seven natural numbers = 20
B. The average of the cubes of first 5 natural numbers = 42
C. Average of first n multiples of any number = number × (n + 1)
D. Average of 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23 and 25 = 13
Choose the **correct** answer from the options given below :
1. A, B and C Only
2. B, C and D Only
3. A, C and D Only
4. A and D Only

23. Arrange the areas of following shapes in descending order of their values :
A. A sphere of diameter 0.35 m
B. Curved surface of a cylinder of length 1.0 m and radius 0.2 m
C. A square of side 2.4 m
D. A circular strip of inner radius 2.5 m and outer radius 3.5 m
Choose the **correct** answer from the options given below :
1. A, B, C, D
2. C, D, B, A
3. D, C, B, A
4. B, A, D, C

24. In a certain code language 'DEVELOPMENT' is written as 'CFUFKPONDOS'. How 'REVOLUTION' shall be coded in that language ?
1. QFUKPVJSNO
2. QFKUPVJSNO
3. QFUPKVSJNO
4. QFPUKSVNJO

25. Find the number that can replace the question mark (?) in the series given below :
1, $\frac{3}{2}$, 2, $\frac{5}{2}$, 3, $\frac{7}{2}$, ?
1. 5
2. 6
3. 7
4. 4

26. Which of the following statements are true ?
A. Aristotelian syllogism is deductive and formal.
B. Nyāya syllogism is deductive–inductive.
C. Nyāya philosophy regards deduction and induction as separate processes.
D. Aristotelian logic has five propositions.
Choose the **correct** answer from the options given below :
1. A and B Only
2. B and C Only
3. A and C Only
4. B and D Only

27. In which of the following types of fallacies, the premises of the argument are simply not relevant to the conclusion ?
A. Ad Hominem
B. False Cause
C. Hasty Generalization
D. The Red Herring
Choose the **correct** answer from the options given below :
1. A and D Only
2. B and C Only
3. A and C Only
4. B and D Only

28. Match the **LIST-I** with **LIST-II**
LIST-I – (Fallacy)
A. Sādhārana
B. Svarūpāsiddha
C. Asādhārana
D. Anupsamhari
LIST-II – (Reason)
I. The middle term is non–exclusive.
II. The middle term is too wide.
III. The minor term is not real.
IV. The middle term is too narrow.
Choose the **correct** answer from the options given below:
1. A-II, B-III, C-IV, D-I
2. A-IV, B-I, C-II, D-III
3. A-IV, B-II, C-I, D-III
4. A-III, B-II, C-I, D-IV

29. Which fallacy is involved in the following argument ?
“All household pets are animals. No unicorns are animals. Therefore, some unicorns are not household pets”
1. Illicit minor
2. Existential Fallacy
3. Exclusive premises
4. Four terms

30. Which of the following statements are true ?
A. A necessary condition for an event refers to a circumstance in whose absence the event cannot occur.
B. A sufficient condition for an event is a circumstance in whose presence the event must occur.
C. A necessary condition for an event is a circumstance in whose presence the event must occur.
D. A sufficient condition for an event refers to a circumstance in whose absence the event cannot occur.
Choose the **correct** answer from the options given below :
1. B and C Only
2. B Only
3. C and D Only
4. A and B Only

31. Seymour Cray is widely celebrated as the “Father of supercomputing” because he _____.
1. designed the first commercial microprocessor (the INTEL 4004) in 1971.
2. developed the first electronic, general–purpose digital computer (the ENIAC) in 1945.
3. invented the fundamental technologies that allow us to navigate the Internet today.
4. Designed a series of machines that remained the fastest in the world for over three decades, roughly from 1964 to 1996.

32. In the context of computers, which of the following statements A–D are true ?
A. CPU stands for Computer Processing Unit and Control Unit is part of CPU.
B. Solid State Drive (SSD) is a fast storage device that uses flash memory and has no moving parts.
C. Hard Disk Drive (HDD) is a storage device that uses spinning disks to store and retrieve data.
D. A touch screen is a unique device that functions as both an input and output device.
Choose the **correct** answer from the options given below :
1. B, C and D Only
2. A, C and D Only
3. A and B Only
4. A, B, C, D

33. Identify the correct order of the digital communication "Platforms" (A–D) based on the "Actions" (I–IV) given below :
I. "I am attending a live department meeting and sharing my screen."
II. "I am writing a 1000–word tutorial on how to bake bread."
III. "I am updating my work experience to attract new recruiters."
IV. "I am posting a 200–characters thought on a trending news story."
A. Twitter(X)
B. Blog
C. MS–Teams
D. LinkedIn
Choose the **correct** answer from the options given below :
1. C, B, D, A
2. D, C, A, B
3. A, D, B, C
4. B, A, C, D

34. Which of the following pairs of ICT acronyms and their expansions are correctly matched ?
A. OCR – Optical Character Recognition
B. GPS – Global Positioning Sensor
C. GUI – Graphical User Interface
D. RAM – Rapid Access Memory
Choose the **correct** answer from the options given below :
1. A, B and C Only
2. B, C and D Only
3. B and D Only
4. A and C Only

35. Match the **LIST-I** with **LIST-II**
LIST-I – (Hardware / Software)
A. CPU
B. Windows–11
C. Safari
D. Router
LIST-II – (Description)
I. System Software
II. Brain of the Computer
III. Network Traffic Device
IV. Web Browser
Choose the **correct** answer from the options given below:
1. A-III, B-IV, C-II, D-I
2. A-II, B-I, C-IV, D-III
3. A-IV, B-II, C-III, D-I
4. A-II, B-III, C-I, D-IV

36. Millennium Development Goal–4 was aimed at reducing the mortality rate among children under 5 years of age by :
1. 75%
2. 50%
3. $\frac{1}{3}$ rd
4. $\frac{2}{3}$ rd

37. Arrange the following Green House Gases according to their relative contributions to atmospheric temperature rise (total global warming) in ascending order :
A. Carbon dioxide
B. Chlorofluorocarbons
C. Methane
D. Nitrous Oxide
Choose the **correct** answer from the options given below :
1. B, D, C, A
2. D, B, C, A
3. D, C, B, A
4. C, D, B, A

38. Arrange the following substances in increasing order of their pH (lower to higher pH) values :
A. Seawater
B. Human Blood
C. Lemon Juice
D. Milk
Choose the **correct** answer from the options given below :
1. D, C, A, B
2. C, D, B, A
3. A, D, B, C
4. A, B, D, C

39. Which of the following are not the methods for “in–situ” conservation of Biodiversity ?
A. Zoo
B. National Park
C. Botanical Garden
D. Seed Bank
E. Wildlife Sanctuary
Choose the **correct** answer from the options given below :
1. A, C and E Only
2. B, C and E Only
3. B and D Only
4. A, C and D Only

40. Match the **LIST-I** with **LIST-II**

LIST-I – (Diseases)

A. Malaria

B. Dengue

C. Encephalitis

D. Kala–azar

LIST-II – (Vector)

I. Phlebotomus argentipes

II. Anopheles mosquito (female)

III. Aedes aegypti

IV. Culex

Choose the **correct** answer from the options given below:

1. A-II, B-IV, C-I, D-III
2. A-II, B-III, C-IV, D-I
3. A-III, B-II, C-IV, D-I
4. A-III, B-I, C-IV, D-II

41. Prior to NEP (2020), which act laid down legal underpinnings for achieving universal elementary education ?

1. Right to Education Act (2003)
2. Right of Children to Free and Compulsory Education Act (2009)
3. Right of Children to Compulsory Education Act (2000)
4. Right of all Indians to Free and Compulsory Education Act (2010)

42. An institute which "serves as a pivotal player in developing highly skilled personnel within the specified region" is called :

1. Public University
2. Private Aided Institution
3. Deemed University
4. Institute of National Importance

43. Match the **LIST-I** with **LIST-II**, according to School Education (NEP 2020) :

LIST-I – (Education level)

A. SECONDARY

B. MIDDLE

C. PREPARATORY

D. FOUNDATIONAL

LIST-II – (Age group)

I. 3–8 years

II. 8–11 years

III. 14–18 years

IV. 11–14 years

Choose the **correct** answer from the options given below:

1. A-I, B-II, C-III, D-IV
2. A-IV, B-III, C-II, D-I
3. A-II, B-IV, C-I, D-III
4. A-III, B-IV, C-II, D-I

44. In pre–colonial India, Higher Education was taught in these languages :
A. Arabic
B. Punjabi
C. Persian
D. Hindi
E. Sanskrit
Choose the **correct** answer from the options given below :
1. A, B and C Only
2. B, C and D Only
3. A, C and E Only
4. B, D and E Only

45. As per NEP 2020, an Autonomous Degree-granting College is an institution that :
A. grants undergraduate degrees
B. is a co–educational one
C. has a good canteen
D. is mainly focused on undergraduate teaching
E. is smaller than a typical university
Choose the **correct** answer from the options given below :
1. B, C and D Only
2. A, B and E Only
3. A, D and E Only
4. C, D and E Only

46. Read the following passage and then answer the question:

Our perception of the world is direct, immediate, and effortless, and there is no hint of any intervening operations taking place in the brain. The apparent simplicity of a perception is reinforced by the fact that our perceptions are always accurate. We rarely make mistakes when identifying people by their face or voice or in judging how hot a cup of tea is or in navigating a flight of steps. Moreover, our own perceptions nearly always agree with those of other people. Sounds, sights and smells seem to be “out there” in the world, not constructed in our head.

Despite appearances to the contrary, our perceptual world is constructed in the brain by a huge mass of neurons performing complex, but hidden, operations. Three observations hint at the complexity of the brain processes involved in perception. First, a large proportion of the brain’s most highly developed structure, the cerebral cortex, is devoted entirely to perception. Vision alone consumes over half of the neurons in the cortex. Second, despite the complexity and power of modern computer technology, computer scientists have not yet succeeded in building general–purpose systems with the perceptual proficiency of even an infant. Third, as a result of brain damage through injury or disease, a small number of unfortunate individuals suffer deficits in their perceptual capabilities.

At the surface level, perception seems to be simple by nature because it is :
1. always complex
2. always rapid
3. always incorrect
4. always accurate

47. Read the following passage and then answer the question:

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The structure of the brain that is highly developed, is called the :
1. neuron
2. cerebral cortex
3. vision
4. perceptual proficiency

48. Read the following passage and then answer the question:

Our perception of the world is direct, immediate, and effortless, and there is no hint of any intervening operations taking place in the brain. The apparent simplicity of a perception is reinforced by the fact that our perceptions are always accurate. We rarely make mistakes when identifying people by their face or voice or in judging how hot a cup of tea is or in navigating a flight of steps. Moreover, our own perceptions nearly always agree with those of other people. Sounds, sights and smells seem to be "out there" in the world, not constructed in our head.

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More than fifty percent of the neurons in the cortex are dedicated to :
1. Emotions
2. Injury
3. Perception
4. Vision

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Some persons suffer from deficits in their capability to perceive because of :
1. computers
2. nutrition
3. cultural background
4. brain damage

50. Read the following passage and then answer the question:

Our perception of the world is direct, immediate, and effortless, and there is no hint of any intervening operations taking place in the brain. The apparent simplicity of a perception is reinforced by the fact that our perceptions are always accurate. We rarely make mistakes when identifying people by their face or voice or in judging how hot a cup of tea is or in navigating a flight of steps. Moreover, our own perceptions nearly always agree with those of other people. Sounds, sights and smells seem to be “out there” in the world, not constructed in our head.

Despite appearances to the contrary, our perceptual world is constructed in the brain by a huge mass of neurons performing complex, but hidden, operations. Three observations hint at the complexity of the brain processes involved in perception. First, a large proportion of the brain’s most highly developed structure, the cerebral cortex, is devoted entirely to perception. Vision alone consumes over half of the neurons in the cortex. Second, despite the complexity and power of modern computer technology, computer scientists have not yet succeeded in building general–purpose systems with the perceptual proficiency of even an infant. Third, as a result of brain damage through injury or disease, a small number of unfortunate individuals suffer deficits in their perceptual capabilities.

As per the given passage General–purpose computer systems do NOT have :
1. perceptual proficiency
2. power to think
3. any feelings
4. vision