

UGC NET 22nd June 2026 Shift 1 Paper 1 Memory Based Paper

Directions (1-5): Read the following passage and answer the questions:

In contemporary academia, the issue of plagiarism and research ethics has become increasingly important. Plagiarism, broadly defined as the appropriation of another person's ideas, words, or intellectual output without proper acknowledgment, is not merely a matter of academic misconduct but a violation of the fundamental principles of intellectual honesty. With the increasing availability of vast amounts of online resources, the temptation to copy and paste has grown, making plagiarism detection and prevention central to academic life. Universities worldwide have adopted strict policies, employing plagiarism detection software such as Turnitin and iThenticate to safeguard originality.

Research ethics, however, goes beyond plagiarism. It encompasses a wide spectrum of principles: ensuring the dignity and privacy of research participants, maintaining transparency in methodology, and prioritizing the welfare of persons, beneficiaries, and society without exploiting individuals. At the same time, the rapid advancement of Artificial Intelligence (AI) has introduced new challenges. While AI tools can assist in research, they also pose risks, such as generating content that mimics human work, potentially undermining the integrity of academic institutions. Institutions now emphasize the importance of critical thinking, originality, and the ability to distinguish between credible and unreliable sources. Ultimately, research ethics depends not only on innovation but also on the commitment to knowledge that respects both intellectual property and the broader societal impact of research.

Q1. According to the passage, which of the following is the best understanding of research ethics?

- (a) Using AI tools to generate research content.
- (b) Copying and pasting text from online sources without acknowledgment.
- (c) Publishing research findings in open access journals.
- (d) Researching in a particular field without proper methodology.

Ans.(b)

Q2. Which ethical principle is most emphasized in the passage?

- (a) Respect for individual privacy.
- (b) Beneficence and non-maleficence.
- (c) Justice and fairness.
- (d) Confidentiality.

Ans.(d)

Q3. Which software is most commonly used by universities to detect plagiarism?

- (a) EndNote
- (b) Turnitin
- (c) NVivo
- (d) SPSS

Ans.(b)

Q4. What is identified in the passage as a new ethical challenge in the digital age?

- (a) Increasing collaboration among disciplines
- (b) Using AI to generate academic work without attribution
- (c) Limited access to online resources
- (d) The rising cost of higher education

Ans.(b)

Q5. What does the passage emphasise as the ultimate foundation of credible research?

- (a) Speed and efficiency
- (b) Ethical responsibility and honesty
- (c) Technological advancement
- (d) Access to funding and infrastructure

Ans.(b)

Q6. Interpret

- (a) Hermeneutics
- (b) Subjectivism
- (c) Positivism
- (d) Phenomenology

Ans.(c)

Q7. If $m^2 + n^2 = 20$ and $m^2 - n^2 = 16$, then the value of $(m^2 - n^2)^4$ is:

- (a) 240
- (b) 256
- (c) 272
- (d) 288

Ans.(c)

Q8. 'Kinesics', 'Proxemics' and 'Haptics' are sub-types of:

- (a) Verbal Communication
- (b) Para-language
- (c) Non-verbal Communication
- (d) Mass Communication

Ans.(c)

Q9. What is Grapevine communication?

- (a) Corporate Communication
- (b) Agri-based Communication
- (c) Formal Communication
- (d) Informal Communication

Ans.(d)

Q10. Arrange the following communication models in the correct chronological order of their development:

1. Shannon-Weaver Model
2. Lasswell's Model
3. Berlo's S-M-C-R Model

4. Aristotle's Model

- (a) 4, 2, 1, 3
- (b) 2, 4, 1, 3
- (c) 4, 1, 2, 3
- (d) 1, 2, 3, 4

Ans.(a)

Q11. Given below are two statements:

Statement I: Propagandic communication at the National level is supposed to recognize the fact that truth need not be separated from falsehood.

Statement II: The mediated propaganda process blurs truth and falsehood in order to be persuasive.

In the light of the above statements, choose the correct answer from the options given below

- (a) Both statements are true
- (b) Both statements are false
- (c) Statement I is true and Statement II is false
- (d) Statement I is false and Statement II is true

Ans.(a)

Q12. Match the following List-I (SDG) with List-II (Global Issue)

List-I (SDG)	List-II (Global Issue)
A. SDG 5	Gender Equality
B. SDG 10	Reduced Inequalities
C. SDG 13	Climate Action
D. SDG 15	Life on Land

Codes:

- (a) A-2, B-1, C-3, D-4
- (b) A-4, B-2, C-3, D-1
- (c) A-2, B-4, C-3, D-1
- (d) A-3, B-4, C-1, D-2

Ans.(c)

Q13. Arrange the following in the order of increasing age

- A. The Wildlife Protection Act
- B. Air Prevention Act
- C. The National Environment Protection Act
- D. Environment Protection Act
- E. The Forest Conservation Act

Choose the correct answer from the options given below :

- (a) E, A, D, B, C
- (b) A, E, B, D, C
- (c) A, B, E, C, D
- (d) B, E, A, C, D

Ans.(b)

Q14. Arrange the following standard operating steps of a cash withdrawal transaction at an ATM in a logical sequence:

- A. Enter the 4-digit Personal Identification Number (PIN).
- B. Select the transaction category (Withdrawal) and account type (Savings/Current).
- C. Collect the cash from the dispenser slot.
- D. Insert the ATM-cum-debit card into the designated slot.
- E. Enter the specific withdrawal amount.

- (a) D, A, B, E, C
- (b) D, B, A, E, C
- (c) A, D, B, E, C
- (d) D, A, E, B, C

Ans.(a)

Q15. Divide ₹ 2,27,000 among three persons by Shyam.

- (a) ₹1,850
- (b) ₹1,680
- (c) ₹2,270
- (d) ₹2,560

Ans.(d)

Q16. Match the following governing bodies with the sector they primarily oversee:

List-I (Apex Body)	List-II (Sector)
A. University Education Commission (UEC)	1. Higher Education
B. All India Council for Technical Education (AICTE)	2. Coordination, determination, and maintenance of standards in university education
C. National Council for Teacher Education (NCTE)	3. Regulation of technical education authorities
D. National Council of Educational Research and Training (NCERT)	4. Research and development in education

Codes:

- (a) A-1, B-2, C-3, D-4
- (b) A-2, B-1, C-4, D-3
- (c) A-2, B-1, C-3, D-4
- (d) A-4, B-3, C-2, D-1

Ans.(b)

Q17. Match the following committees/policies with their seminal reports or key outcomes:

List-I (Committee/Policy)	List-II (Report/Key Outcome)
A- University Education Commission	1- 'Education and National Development'
B- Education Commission (Kothari)	2- 'The Report of the University Education Commission'
C- Committee on Renovation of HE	3- 'Learning: The Treasure Within'
D- Delors Commission (UNESCO)	4- 'Yash Pal Committee Report'

Codes:

- (a) 2 1 4 3
- (b) 1 2 3 4
- (c) 2 1 3 4
- (d) 1 2 4 3

Ans.(a)

Q18. Rohan travels from his home to his office at a speed of 5 km/hr and returns at a speed of 3 km/hr. If he takes 8 hours for the entire journey, find the distance between his home and office.

- (a) 12 km
- (b) 15 km
- (c) 18 km
- (d) 20 km

Ans.(b)

Q19. Given below is an Assertion (A) and a Reason (R).

Assertion (A):

Reason (R): As the internet has become a part of our daily life, it has led to the development of various networks, such as the internet of things (IoT), which is a network of objects that are connected to the internet.

In the light of the above, choose the correct option from the following:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A).
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A).
- (c) (A) is correct but (R) is not correct.
- (d) (A) is not correct but (R) is correct.

Ans.(a)

Q20. What is the year when the government decided to implement universal education to 50%?

- (a) 2025
- (b) 2030
- (c) 2035
- (d) 2040

Ans.(c)

Q21. Arrange the following commissions in chronological order of their formation:

1. National Knowledge Commission (NKC)
2. Secondary Education Commission
3. University Education Commission
4. Education Commission (Kothari Commission)

Choose the correct option:

- (a) 3 → 2 → 4 → 1
- (b) 2 → 3 → 4 → 1
- (c) 3 → 4 → 2 → 1
- (d) 4 → 3 → 2 → 1

Ans.(a)

Q22. Arrange the following Education Committees chronologically:

- A. Yashpal Committee
- B. Durgabai Deshmukh National Committee on Women's Education
- C. Birla Ambani Report
- D. Janardhan Reddy Committee
- E. Hansa Mehta Committee

Choose the correct answer from the options given below:

- (a) A, B, D, E, C
- (b) B, E, D, A, C
- (c) C, A, E, B, D
- (d) C, D, B, E, A

Ans.(b)

Q23. Match List-I with List-II

List - I (Computer & Internet)		List-II (Security Threats)
A.	Worm	It is a type of malware that replicates itself to spread to other computers via network.
B.	Bot	It is a type of malware that replicates itself to spread to other computers via network.
C.	Denial of Service	It is a type of attack where the attacker floods a website with requests, making it unavailable to legitimate users.
D.	Phishing	It is a type of attack where the attacker impersonates a legitimate entity to steal sensitive information.

Choose the correct match:

- (a) (A)-(II), (B)-(I), (C)-(III), (D)-(IV)
- (b) (A)-(I), (B)-(II), (C)-(III), (D)-(IV)
- (c) (A)-(III), (B)-(I), (C)-(II), (D)-(IV)
- (d) (A)-(IV), (B)-(I), (C)-(II), (D)-(III)

Ans.(a)

Q24. If in the year 2021, the expenditure of company A was equal to the expenditure of company B, then what was the ratio of their respective incomes?

The following table shows the percentage of expenditure of company A and B from 2018 to 2023. Base year is 2018.

Year-wise Percentage Expenditure		
Year	A	B
2018	40%	25%
2019	25%	30%
2020	30%	50%
2021	60%	45%
2022	45%	30%
2023	50%	40%

Note:

$$\text{Profit \%} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$

- (a) 3 : 2

(b) 32 : 29

(c) 2 : 5

(d) 7 : 5

Ans.(b)

Q25. In the year 2022, if the income of Company B was ₹ 52 Crore and the expenditures of both the Companies A and B were the same, then what was the average income of both the companies A and B?

The following table shows the percent (%) profit earned by two companies A and B over the six years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

Year-wise Profit details of Two Companies		
Year	Percent (%) Profit Earned by Company	
	A	B
2018		
2019		
2020		
2021		
2022		
2023		

Note:

$$\text{Profit \%} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$

(a) ₹ 22 Crore

(b) ₹ 33 Crore

(c) ₹ 55 Crore

(d) ₹ 44 Crore

Ans.(c)

Q26. In the year 2022, if the income of Company A was ₹ 40 Crore, then what was the expenditure of the Company B in the year 2022?

The following table shows the percent (%) profit earned by two companies A and B over the six years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

Year-wise Profit details of Two Companies		
Year	A	B
2018		
2019	25%	30%
2020	30%	50%
2021	60%	45%
2022	45%	30%
2023	50%	40%

Note:

$$\text{Profit \%} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$

(a) ₹ 20 Crore

(b) ₹ 30 Crore

(c) ₹ 40 Crore

(d) ₹ 50 Crore

Ans.(d)

Q27. If the ratio of expenditures of Company A in 2019 and 2023 is 4 : 3, then the income of Company A in 2019 is _____% more than the income of Company A in 2023.

The following table shows the percent (%) profit earned by two companies A and B over the six years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

Year-wise Profit details of Two Companies		
Year	Percent (%) Profit Earned by Company	
	A	B
2018	40%	25%
2019	25%	30%
2020	30%	50%
2021		
2022		
2023		

Note:

$$\text{Profit \%} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$

(a) $\frac{70}{9}\%$

(b) $\frac{80}{9}\%$

(c) $\frac{40}{9}\%$

(d) $\frac{100}{9}\%$

Ans.(d)

Q28. For Company A, the ratio of income in 2021 and 2023 is 4 : 3. If the income of Company A in 2021 was Rs. 100, then what was the ratio of income of Company B in 2021 and 2023? The following table shows the percent (%) profit earned by two companies A and B over the six years from 2018 to 2023. Based on the data in the table, answer the questions that follow.

Year-wise Profit details of Two Companies		
Year	Percent (%) Profit Earned by Company	
	A	B
2018	40%	25%
2019	25%	30%
2020	30%	50%
2021	60%	45%
2022	45%	30%
2023	50%	40%

Note:

$$\text{Profit \%} = \frac{\text{Income} - \text{Expenditure}}{\text{Expenditure}} \times 100$$

(a) 2 : 3

(b) 3 : 2

(c) 2 : 5

(d) 5 : 2

Ans.(a)

Q29. The registers used inside a CPU are fabricated primarily using which material?

- (a) Silicon
- (b) Aluminium
- (c) Copper
- (d) Germanium

Ans.(a)

Q30. Arrange the following phases of a penetration test (ethical hacking) in the correct sequence:

- i. Gaining Access
- ii. Reconnaissance
- iii. Reporting
- iv. Vulnerability Assessment

Codes:

- (a) ii, i, iv, iii
- (b) ii, iv, i, iii
- (c) iv, ii, i, iii
- (d) i, ii, iv, iii

Ans.(b)

Q31. Match List-I with List-II.

List – I (Success Rate)	List – II (Valent Count)
A. 10% & 15%	I. 100
B. 20% & 30%	II. 200
C. 10% & 20%	III. 300
D. 10% & 25%	IV. 400

Choose the correct answer:

- (a) A-I, B-II, C-III, D-IV
- (b) A-II, B-III, C-IV, D-I
- (c) A-III, B-IV, C-I, D-II
- (d) A-IV, B-I, C-II, D-III

Ans.(c)

Q32. Match List-I with List-II.

List – I (Encoding Scheme)	List – II (Number of Bits)
A. UTF-8	I. 7 bits
B. ASCII	II. 8, 16, 24, or 32 bits
C. BCD	III. 4 bits
D. Unicode (UTF-32)	IV. 32 bits

Choose the correct answer:

- (a) A-II, B-I, C-III, D-IV
- (b) A-I, B-II, C-IV, D-III
- (c) A-III, B-IV, C-I, D-II
- (d) A-IV, B-III, C-II, D-I

Ans.(a)

Q33. In Patanjali's Aṣṭāṅga Yoga, the eight constituents are collectively called the *Yogāṅgas* (limbs of yoga). The last three limbs — which are internal (*antaraṅga*) and together constitute *Samyama* — are correctly given in which of the following options?

- (a) Yama, Niyama, Āsana
- (b) Āsana, Prāṇāyāma, Pratyāhāra
- (c) Dhāraṇā, Dhyāna, Samādhi
- (d) Pratyāhāra, Dhāraṇā, Dhyāna

Ans.(c)

Q34. Match the following international environmental agreements with the specific environmental issues they address.

List-I (International Agreement)	List-II (Environmental Issue)
A. Ramsar Convention	1. Wetlands
B. UNCCD	2. Desertification
C. Vienna Convention	3. Climate Change
D. Bamako Convention	4. Hazardous Waste

Codes:

- (a) A-2, B-1, C-3, D-4
- (b) A-1, B-2, C-3, D-4
- (c) A-2, B-1, C-3, D-4
- (d) A-4, B-3, C-2, D-1

Ans.(c)

Q35. Match List-I with List-II and select the correct code from the options given below.

List-I	List-II
A. Kyoto Protocol	1. Greenhouse Gas Emissions
B. Paris Agreement	2. Climate Change
C. Montreal Protocol	3. Ozone Depletion
D. Stockholm Convention	4. Persistent Organic Pollutants

Options:

- (a) A-1, B-2, C-3, D-4
- (b) A-2, B-1, C-3, D-4
- (c) A-4, B-3, C-2, D-1
- (d) A-3, B-4, C-1, D-2

Ans.(c)

Q36. Which of the following are core missions of National Action Plan on Climate Change?

- A. National Solar Mission
- B. National Mission on desert
- C. National Water Mission
- D. National mission for sustainable agriculture
- E. National Mission on Indian Ocean

Choose the correct answer from the options given below.

- (a) A, B and C only
- (b) B, C and D only
- (c) A, C and D only
- (d) C, D and E only

Ans.(c)

Q37. Hydrogen fuel cells are categorized as:

- (a) Non-fuel
- (b) Traditional fuel
- (c) Alternative fuel
- (d) Non-traditional fossil fuel

Ans.(c)

Q38. If m and n are real numbers such that:

$m^2 + n^2 = 20$ and $n = m + 2$ then, the value of $m^4 + n^4$ is:

- (a) 256
- (b) 272
- (c) 288
- (d) 320

Ans.(b)

Q39. Match the feature in List I with the corresponding feature in List II.

List I (Ancient Indian Feature)	List II (Feature)
A. Nalanda	1. It is believed that it was the first university in the world.
B. Takshashila	2. It was a Buddhist university.
C. Vikramashila	3. It was a Hindu university.
D. Valabhi	4. It was a Jain university.

- (a) A-III, B-IV
- (b) A-III, B-I,
- (c) A-III, B-I,
- (d) A-I, B-III,

Ans.(b)

Q40. Given below are four statements:

- Statement I: Memory level teaching is the lowest level of teaching as it requires minimal cognitive effort from both teacher and student.
- Statement II: Understanding level teaching is the highest level of teaching as it requires maximal cognitive effort from both teacher and student.
- Statement III: Reflective level teaching is the lowest level of teaching as it requires minimal cognitive effort from both teacher and student.
- Statement IV: All three levels of teaching — Memory, Understanding, and Reflective — are equally appropriate for university-level instruction.

Choose the most appropriate answer:

- (a) Statements I and II are correct; III and IV are incorrect
- (b) Statements I, II, and III are correct; IV is incorrect
- (c) All four statements are correct
- (d) Only Statement I is correct; II, III, and IV are incorrect

Ans.(a)

Q41. Match List I (Maxim of Teaching) with List II (Correct Direction/Meaning):

List I (Maxim)	List II (Direction)
A. From Known to Unknown	I. Begin with physical objects before introducing abstract symbols
B. From Concrete to Abstract	II. Build on existing knowledge to introduce new concepts
C. From Simple to Complex	III. Start with local, familiar examples before global concepts
D. From Local to General	IV. Introduce easy foundational concepts before difficult ones

- (a) A-I, B-II, C-IV, D-III
 (b) A-II, B-I, C-IV, D-III
 (c) A-III, B-IV, C-I, D-II
 (d) A-II, B-IV, C-I, D-III

Ans.(b)

Q42. Identify

- (A) Data family
 (B) Generating
 (C) Searching
 (D) Reviewing
 (E) Defining
 (F) Producing

Choose the correct sequence of steps in below

- (a) (A), (C), (E)
 (b) (B), (A), (C)
 (c) (A), (B), (C)
 (d) (C), (B), (A)

Ans.(c)

Q43. Match List I (Sampling Method) with List II (Key Characteristic):

List I (Sampling Method)	List II (Key Characteristic)
A. Systematic Sampling	I. Participants recruit future participants
B. Cluster Sampling	II. Participants are selected from a group
C. Snowball Sampling	III. Participants are selected from a group
D. Purposive Sampling	IV. Participants are selected based on specific characteristics

- (a) A-III, B-II, C-I, D-IV
 (b) A-II, B-III, C-I, D-IV
 (c) A-I, B-IV, C-III, D-II
 (d) A-II, B-I, C-IV, D-III

Ans.(b)

Q44. "Standard Deviation" is considered the most reliable measure of dispersion because:

- (a) It is the easiest to calculate manually
 (b) It uses only the highest and lowest scores
 (c) It takes into account every score in the distribution and is based on squared deviations from the mean
 (d) It is not affected by extreme scores in the distribution

Ans.(c)

Q45. Match List I (Type of Validity) with List II (Key Characteristic):

List I – Validity	List II – Focus
A. Content Validity	I. Accuracy of the causal relationship
B. Criterion Validity	II. Extent to which the measure represents all facets of a construct
C. Internal Validity	III. Correlation with an external standard or outcome
D. External Validity	IV. Generalizability of findings to other settings

Options

- (a) A-II, B-III, C-I, D-IV
- (b) A-I, B-II, C-III, D-IV
- (c) A-II, B-IV, C-III, D-I
- (d) A-III, B-I, C-IV, D-II

Ans.(a)

Q46. Match List I (Design) with List II (Characteristic):

List I (Design)	List II (Characteristic)
A. True Experiment	I. Random assignment
B. Quasi-Experiment	II. Control group
C. Case Study	III. Correlation between
D. Correlational Study	IV. Control group

- (a) A-III, B-I, C-II, D-IV
- (b) A-I, B-III, C-II, D-IV
- (c) A-II, B-IV, C-I, D-III
- (d) A-III, B-IV, C-I, D-II

Ans.(a)

Q47. Arrange the following types of logical fallacies in order of increasing strength (from strongest to weakest):

- I. Contradiction
- II. Contraries
- III. Sub-contradiction
- IV. Sub-alternation

- (a) I, II, III, IV
- (b) II, I, IV, III
- (c) IV, III, II, I
- (d) I, III, II, IV

Ans.(a)

Q48. The "Red Herring" fallacy is best described as:

- (a) Using emotionally charged language to sway an audience.
- (b) Introducing an irrelevant topic to divert attention from the original issue.
- (c) Arguing that a claim is true because it has not been proven false.
- (d) Assuming that what is true of the parts is true of the whole.

Ans.(b)

Q49. Arrange the components of a standard-form Categorical Proposition in the correct structural sequence:

1. Predicate Term
2. Quantifier
3. Copula
4. Subject Term

- (a) 2, 4, 1, 3
- (b) 2, 3, 4, 1
- (c) 4, 2, 3, 1
- (d) 2, 4, 3, 1

Ans.(d)

Q50. Match the

List I (Situation)	List II (Classification)
A. Understanding	i. (Non-verbal)
B. Knowing	ii. (Verbal)
C. Knowing	iii. (Testimony)
D. Learning	iv. (Comparison)

Options:

- (a) A-II, B-I, C-III, D-IV
- (b) A-I, B-II, C-III, D-IV
- (c) A-II, B-IV, C-III, D-I
- (d) A-III, B-I, C-II, D-IV

Ans.(a)

