

UGC NET 23rd June 2026 Shift 1_Paper 1

Q1. 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 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		
2021		
2022		
2023		

Note:

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

- (a) 3 : 2
- (b) 32 : 29
- (c) 2 : 5
- (d) 7 : 5

Ans.(b)

Q2. In the year 2021, the average income of both the companies was ₹ 52 Crore. 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	50%	30%
2021	60%	45%
2022	45%	30%
2023	50%	40%

Note:

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

- (a) ₹ 22 Crore
- (b) ₹ 33 Crore
- (c) ₹ 55 Crore
- (d) ₹ 44 Crore

Ans.(c)

Q3. In the year 2023, if the income of Company B was ₹ 70 Crores, then what was the expenditure of the Company B in that year?

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:

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

(a) ₹ 20 Crores

(b) ₹ 30 Crores

(c) ₹ 40 Crores

(d) ₹ 50 Crores

Ans.(d)

Q4. If the ratio of the income of Company A in 2018 and 2023 is 3:4, then what is the ratio of the income of Company A in 2019 is _____

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:

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

(a) 70% 970%

(b) 80% 980%

(c) 40% 940%

(d) 100% 9100%

Ans.(d)

Q5. For Company B, if the income in the year 2018 was equal to the expenditure in the year 2020, then what was the ratio of income of B in 2018 to that in 2020?

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:

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

(a) 2 : 3

(b) 3 : 2

(c) 2 : 5

(d) 5 : 2

Ans.(a)

Q6. The average of four numbers is 64. If one of the numbers is 25, 12, 10, then the new average of the remaining three numbers will be the

(a) 64

(b) 59

(c) 67

(d) 53

Ans.(c)

Q7. What are the types of memory?

(a) Verbal, Auditory, Visual, Kinesthetic

(b) Visual, Auditory, Verbal, Kinesthetic

(c) Verbal, Augmentative, Retrospective, Kinetic

(d) Visual, Augmentary, Reading, Kinetic

Ans.(b)

Q8. The difference between compound interest, compounded annually and simple interest on a sum of ₹48,00,000 for 2 years at 5% per annum payable yearly (in ₹) is:

(a) 14,000

(b) 15,000

(c) 14,500

(d) 12,000

Ans.(d)

Q9. Which of the following correctly represents Maslow's Hierarchy of Needs in ascending order, from basic to highest?

- (a) Safety → Physiological → Belongingness → Esteem → Self-Actualization
(b) Physiological → Safety → Belongingness → Esteem → Self-Actualization
(c) Physiological → Belongingness → Safety → Self-Actualization → Esteem
(d) Safety → Esteem → Belongingness → Physiological → Self-Actualization

Ans.(b)

Q10. Statement I: Project method is best associated with the Philosophy of John Dewey.

Statement II: The strength of Project method lies in social participation.

In light of the [REDACTED] shown below:

Given below

- (a) Both Statements are correct.
 (b) Both Statements are incorrect.
 (c) Statement 1 is correct and Statement 2 is incorrect.
 (d) Statement 1 is incorrect and Statement 2 is correct.

Ans.(a)

Q11. If the cost of a certain bill is Rs. 22, then the cost of two such bills is _____.

- (a) Rs. 2,200
(b) Rs. 1,100
(c) Rs. 1,000
(d) Rs. 1,500

Ans.(a)

Q12. Which of the following correctly processes the D.W. SED Brown's taxonomy in ascending order?

- (a) Knowledge
- (b) Remember
- (c) Remember
- (d) Recall → Comprehend → Apply → Synthesize → Evaluate → Create

Ans.(c)

Q13. Find the greatest five-digit number that on being divided by 8, 12 and 15 leaves 5, 9 and 12 as remainders, respectively.

- (a) 99957
(b) 99975
(c) 99967
(d) 99947

Ans.(a)

Q14. Effectiveness of teaching depends on:

- (a) Qualification of teacher
- (b) Handwriting of teacher
- (c) Personality of teacher
- (d) Ability of teachers to explain the concept to the learners

Ans.(d)

Q15. In the context of digital images, what does the abbreviation 'JPEG' stand for?

- (a) Joint Photographic Experts Group
- (b) Jumbled Picture Electronic Graphic
- (c) Joint Picture Encoding Guide
- (d) Justified

Ans.(a)

Q16. Match

List-I (Text)

- 1. Ashtadhyayi
- 2. Mahabharata
- 3. Arthashastra
- 4. Natyashastra

Codes:

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

Ans.(a)

Q17. The Kothari Commission (1953-54) suggested spending _____ of national income on education.

- (a) 3 percent
- (b) 6 percent
- (c) 7 percent
- (d) 9 percent

Ans.(b)

Q18. Match the following network topologies (Column A) with their most accurate description or key characteristic (Column B):

Column A: Network Topology	Column B: Description/Characteristic
1. Bus Topology	A. All nodes are connected to a central device, making fault isolation easy.
2. Star Topology	B. A single cable acts as the backbone; a cable break can bring down the entire network.
3. Mesh Topology	C. Data travels in a circular path, and each node regenerates the signal.
4. Ring Topology	D. Every node is connected to every other node, providing high redundancy.

Options:

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

Ans.(a)

Q19. Which of the following statements are TRUE for NEP 2020? A. The NEP committee was headed by a prominent educationist Sukhdev Thorat.

B. The NEP gives an Umbrella term SEDG for minorities, women, SCs, STs and Urban rural poor.

C. The NEP reiterates the Kothari Commission recommendation in 1964-66 to spend 6 percent of GDP on education.

D. The NEP

E. The states

Policy Comm

Choose the c

(a) A and D

(b) A, B, C and

(c) B, C, D and

(d) B, C and

Ans.(c)

Q20. The text of the passage most nearly

(a) Fixed me

(b) Points o

(c) External

(d) Memoriz

Ans.(b)

Q21. Which of the following is NOT a constructivist approach to learning?

(a) Professio

(b) Professions help in rote memorization of facts

(c) Professions provide real-life contexts for knowledge construction

(d) Professions are irrelevant to classroom learning

Ans.(c)

Q22. Which of the following can be inferred about learner-centred approaches?

(a) Knowledge is transmitted only by the teacher

(b) Learners passively receive information

(c) Knowledge is co-constructed through interaction and experience

(d) Learning is limited to textbooks

Ans.(c)

Q23. The passage emphasizes affective outcomes such as

- (a) Logical reasoning and problem-solving
- (b) Respect for labour and social empathy
- (c) Memorization and repetition
- (d) Examination performance

Ans.(b)

Q24. Which of the following statements is most appropriate according to the passage?

- (a) Teaching professions is only useful for career guidance
- (b) Professions should be taught only at higher education levels
- (c) Real-life examples hinder abstract thinking
- (d) Professions should be taught at all levels

Ans.(d)

Q25. Which of the following is a characteristic of the ancient Indian education system?

- (a) Nalanda
- (b) Takshashila
- (c) Vikramshila
- (d) Odantapuri

Ans.(b)

Q26. student's score is significantly higher than the sample means

- A. significant difference between the sample means
- B. independent of the sample means
- C. significant difference between the sample means
- D. analysis of variance

Choose the correct answer from the options given below :

- (a) A and B Only
- (b) B and C Only
- (c) C and D Only
- (d) A and C Only

Ans.(d)

Q27. Which of the following are characteristics of quantitative research ?

- A. Researcher as key instrument
- B. Research tool as key instrument
- C. Context-free generalization
- D. Context-specific generalization
- E. Inductive data analysis

Choose the correct answer from the options given below :

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

Ans.(c)

Q28. In the Classical Square of Opposition, if the 'A' proposition (All S is P) is given as TRUE, arrange the other propositions in the sequence of their truth values (E, I, O):

1. O (Some S is not P)
2. I (Some S is P)
3. E (No S is P)
- (a) 3 (False), 2 (True), 1 (False)
- (b) 3 (True), 2 (False), 1 (True)
- (c) 1 (False), 2 (False), 3 (True)
- (d) 2 (True), 3 (True), 1 (False)

Ans.(a)

Q29. Match the following (List I) with the following (List II) and select the correct answer from the options given below (Knowledge)

List I	List II
Philosophy	Philosophy
A. Charvaka	1. Pramanas (Pramanas, Sabda)
B. Buddhism	2. Pramana (Pramanas)
C. Samkhya	3. Pramanas (Pramanas)
D. Nyaya	4. Three Pramanas (Pramanas)

Options:

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

Ans.(c)

Q30. Match the following (List I) with the following (List II) and select the correct answer from the options given below:

List I: Protocol	List II: Function
A. TCP/IP	I. Assigns dynamic IP addresses to devices on a network
B. DNS	II. The fundamental "language" or suite of the internet
C. DHCP	III. Maps human-readable domain names to IP addresses
D. SMTP	IV. Used for transmission of electronic mail

Choose the correct answer from the options given below:

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

Ans.(b)

Q31. Match the following ancient universities with their present-day geographical locations in India:

List-I (University)	List-II (Present-Day Location)
(A) Nalanda	(1) Bhagalpur, Bihar
(B) Vikramashila	(2) Rajgir, Bihar
(C) Odantapuri	(3) Patna, Bihar
(D) Pushpagiri	(4) Cuttack, Odisha

Codes:

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

Ans.(a)

Q32. Consider the following statements:
Statement I: Nalanda was a famous Buddhist university.
Statement II: Nalanda was a multi-storeyed building.
Statement III: Nalanda was a place of learning and research.
Statement IV: Nalanda was a place of learning and research.

- (a) Statement I and II are correct.
- (b) Statement II and III are correct.
- (c) Statement III and IV are correct.
- (d) Statement I and IV are correct.

Ans.(a)

Q33. The height of a building is 100 m. The angle of elevation of the top of the building from a point on the ground is 30°. The height of the building is:

- (a) 61
- (b) 51
- (c) 75
- (d) 110

Ans.(a)

Q34. Match the following MDG-SDG pairs that show a direct thematic evolution.

List-I (MDG-SDG Pair)	List-II (Thematic Focus)
A. MDG 7 → SDG 6 & 7	1. From general environmental sustainability to specific goals on clean energy and water.
B. MDG 2 → SDG 4	2. From reducing maternal mortality to comprehensive health and well-being for all.
C. MDG 5 → SDG 3	3. From achieving primary education to inclusive and equitable quality education at all levels.
D. MDG 1 → SDG 1, 2 & 8	4. From eradicating extreme poverty to ending poverty, achieving food security, and promoting economic growth.

Codes:

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

Ans.(a)

Q35. Arrange the following environment related acts in the chronological order of their enactment.

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

Choose the correct order:

- (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)

Q36. Which of the following authentication methods is used to authenticate a transaction sent to the user's registered mobile number?

- (a) OTP (One Time Password)
- (b) Digital Signature
- (c) Biometric Authentication
- (d) Token Based Authentication

Ans.(a)

Q37. Arrange the following events in the chronological order:

- A. Introduction of the World Wide Web (WWW)
- B. Launch of ARPANET
- C. Commercialization of the Internet
- D. Adoption of TCP/IP as the standard Internet protocol

Choose the correct answer:

- (a) B → D → A → C
- (b) B → A → D → C
- (c) D → B → A → C
- (d) A → B → D → C

Ans.(a)

Q38. Arrange the following social media and messaging platforms in the chronological order of their launch (earliest to latest):

- A. Telegram
- B. WhatsApp
- C. Facebook
- D. Instagram

Choose the correct answer:

- (a) C → B → D → A
- (b) B → C → A → D
- (c) C → D → B → A
- (d) B → D →

Ans.(a)

Q39. A customer can use a digital wallet to make a payment. What is the primary purpose of a digital wallet?

- (a) To increase the number of account holders
- (b) To generate revenue for service providers
- (c) To enable users to store and manage their payment information
- (d) To store and manage their payment information

Ans.(b)

Q40. The advantages of Biodiesel are:

- A. Biodiesel is a renewable source of energy
- B. It is non-toxic and biodegradable
- C. It has high calorific value
- D. It can be used in any engine with petro-diesel
- E. It has low sulphur content

Choose the correct answer:

- (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)

Q41. Which of the following is correct?

- (a) Validity does not focus on the accuracy of instrument's measurement
- (b) Validity does not check the systematic and random errors in the measurement process
- (c) Reliability and validity are related to each other
- (d) Face validity is probably the strongest way to find out the validity of the measurement for a research

Ans.(c)

Q42. Match the LIST-I with LIST-II

LIST-I (Type of Sampling)	LIST-II (Statement)
A. Simple Random Sampling	I. Population is divided into group of elements
B. Non-Probability Sampling	II. Every sample element is selected independently from the population
C. Cluster Sampling	III. Elements are selected by picking a random starting point and then choosing ith element consecutively from population
D. Systematic Sampling	IV. Selection of sample unit depends on the personal judgment

Choose the correct answer from the options given below:

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

(b) A-II, B-IV

(c) A-I, B-II,

(d) A-II, B-IV

Ans.(d)

Q43. Which of the following is not a characteristic of a good hypothesis?

A. It is proved

B. It should be

C. It should be based on known facts

D. It should be based on a variable

E. It should be specific

Choose the correct answer from the options given below:

(a) A and C

(b) B, D and

(c) A, B and

(d) B, C and

Ans.(b)

Q44. In petroleum refineries, the flare is used in a flare

stack for which

(a) To increase

(b) To safely dispose of excess or unwanted combustible gases

(c) To produce electricity for the refinery

(d) To separate water from crude oil

Ans.(b)

Q45. Arrange the stages of conducting a survey for research.

A. Pilot testing of the survey

B. Designing the questionnaire

C. Distributing the questionnaire

D. Analyzing the responses

Choose the correct answer from the options given below:

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

Ans.(d)

Q46. Identify the correct claims in the context of MOOD- AAI in the 2nd figure.

- A. The middle term appears as predicate in both the premises
- B. It commits fallacy of undistributed middle term
- C. Middle term is distributed in the major premise
- D. Draws no conclusion

E. Conclusion is not valid

Choose the correct option

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

Ans.(b)

Q47. Choose the correct claims in the context of mood in the 1st figure.

- (a) Undistributed middle term
- (b) Conclusion is not valid
- (c) Commits fallacy of undistributed middle term
- (d) Commits fallacy of exclusive premises

Ans.(d)

Q48. Identify the fallacy in the following:

"There are just 1000 cricket players in the world. Only 100 of them are good enough to be considered as a base hit but didn't get a base hit."

- (a) Questionable Cause
- (b) Loaded Question
- (c) False Alternatives
- (d) Appeal to Ignorance

Ans.(c)

Q49. Which among the following are contrary propositions?

- A. All poets are dreamers
- B. Some poets are dreamers
- C. Some poets are not dreamers
- D. No squares are circles
- E. No poets are dreamers

Choose the correct answer from the options given below:

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

Ans.(d)

Q50. Identify the fallacy in the following argument:

"Alan is tall, dark and handsome and has blue eyes. Bill is also tall, dark and handsome. Therefore, Bill probably has blue eyes too."

- (a) Inconsistency
- (b) Weak analogy
- (c) Slippery
- (d) Hasty generalization

Ans.(b)

