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# Assignment 7 Question Answer 1<sup>st</sup> Dec 1<sup>st</sup> Shift Englishlit NTANET Paper 1 Part 1

**Subject: GP\_01 DEC\_SH1\_A**

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## **Assignment 7**

Passage

**Q-1. Study the table carefully and answer the questions that follows:**

In the following table, the total number of students in different courses of a college along with percentage of males and females are given.

Courses	Total number of students	Percentage of male students (%)	Percentage of femate students (%)
B. Sc.	400	65	35
B. A	650	54	46
M. Sc.	280	75	25
M. A.	340	55	45
PhD	180	65	35

*Males and Females Are Given*

**Q-2 Find out the total number of male students in the college.**

Answer:

1125

**Q-2. Find out the difference between the total number of male students and total number of female students in the college.**

Answer:

400

**Q-3. Find out the difference between male students in graduation (BSc + BA) and male students of**

**Post-graduation (MA + MSc) .**

Answer:

214

**Q-4. Find out the ratio of female students in graduation (BSc + BA) and female students in post-graduation (MSc + MA)**

Answer:

$$\frac{439}{223}$$

**Q-5. Find out the ratio of male students in post-graduation (MSc + MA) and male students in the PhD program.**

Answer:  $\left(\frac{397}{117}\right)$

**Q-6. Given below are two statements**

**Statement I: The core of the teaching process is the arrangement of environments within which students can interact and study how to learn.**

**Statement II: A model of teaching is not a description of a learning environment.**

**In light of the above statements, choose the most appropriate answer from the options given**

**Below**

Options:-

- (i) Both Statement I and Statement II are correct
- (ii) Both Statement I and Statement II are incorrect
- (iii) Statement I is correct but Statement II is incorrect
- (iv) Statement I is incorrect but Statement II is correct

**Q-7. given below are two statements, one is labelled as Assertion A and the other is labelled as**

## Reason R

**Assertion A:** In the case study method, the researcher collects detailed information from a limited number of participants.

**Reason R:** Findings based on case study research can be used to develop research

**Hypotheses/questions for subsequent studies.**

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

Options:-

(i) A is false but R is true/ (A)

(ii) A is true but R is false/ (A)

(iii) Both A and R are true and R is the correct explanation of A

(iv) Both A and R are true but R is NOT the correct explanation of A

### Q-8. Match List I with List II

List I	List II
ICT Applications	Example
Measurement applications	Simulating car crashes
Control applications	River pollution
Modelling applications	Automatic oven
Expert systems	Medical diagnosis

*Match List I with List II*

Choose the correct answer from the options given below:

Options:-

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

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

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

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

**Q-9. Find out the sequence of elements of effective communication as listed by Cutlip et al**

**A. Promise of reward**

**B. Message clarity**

**C. Consistency**

**D. Climate of belief**

**E. Participatory context**

Choose the *correct* answer from the options given below

Options:-

(i) A, B, D, E, C,

(ii) C, D, E, A, B,

(iii) D, E, A, B, C,

(iv) E, A, C, D, B,

**Q-10. What is Anti-spyware software?**

Options:-

(i) Checks files before they are loaded on a computer

(ii) It detects and removes programs installed illegally on a user's computer system

(iii) Makes the files non-readable

(iv) Manages the data traffic

**Q-11. ERIC is a unit in which one of the following organizations?**

Options:-

(i) NCERT

(ii) NCTE

(iii) NIEPA

(iv) NRF

**Q-12. given below are two statements, one is labelled as Assertion A and the other is labelled as**

**Reason R**

**Assertion A: Ground level concentration of ozone decreases at night**

**Reason R: Ultraviolet radiation photolyses the ozone into other components**

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

**Options:-**

- (i) A is false but R is true
- (ii) A is true but R is false
- (iii) Both A and R are true and R is the correct explanation of A
- (iv) Both A and R are true but R is NOT the correct explanation of A

**Q-13. Modern mass communication has the characteristics of being**

- A. Sporadic
- B. Continuous
- C. Based on a schedule
- D. Not much dependent on technology
- E. Dependent on the use of media

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

**Options:-**

- (i) A, B and C only
- (ii) A, D and E only
- (iii) B, C and E only
- (iv) C, D and E only

**Q-14. Which one of the following led to the formulation of 10 + 2 + 3 system of education?**

**Options:-**

- (i) Elphinstone report
- (ii) Hunter Commission
- (iii) Macaulay's Minute
- (iv) Wood's despatch

**Q-15. Given below are two statements regarding the address bus in a computer system?**

**Statement I: Address bus carries signals relating to addresses between the processor and memory.**

**Statement II: It is bi-directional**

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

**Options:-**

- (i) Both Statement I and Statement II are false
- (ii) Both Statement I and Statement II are true
- (iii) Statement I is false but Statement II is true
- (iv) Statement I is true but Statement II is false

**Q-16. Average of ten positive numbers is X. If each number is increased by 10 % , then new average Increases by:**

- (i) 10 % , Option ID:- 14167,
- (ii) 11 % , Option ID:- 14166,
- (iii) 12 % , Option ID:- 14165,
- (iv) 8 % , Option ID:- 14168,

**Q-17. Targets of Goal 7 of the Millennium Development Goals (MDG) are**

- A. Control global warming
- B. Universal access to modern energy
- C. Increase global percentage of renewable energy
- D. Mitigating air pollution
- E. Double the improvement in energy efficiency

Choose the correct answer from the options given below:

Options:-

- (i) A, B, C and D only
- (ii) A, C, D and E only
- (iii) B, C and D only
- (iv) B, C and E only

## Assignment 7 Question Answer 1<sup>st</sup> Dec 1<sup>st</sup> Shift Englishlit NTANET Paper 1 Part 2

**Q-18. Find the missing term in the following series**

2, 9, 37, 149, ... ?

Options:-

- (i) 298
- (ii) 299
- (iii) 594
- (iv) 597

**Q-19. Given below are two statements**

**Statement I: Experimenter effects are errors introduced during the collection or analysis of experimental data due to the behaviour of the experimenter.**

**Statement II: Due to the presence of certain cues in the experimental setting, the participants form an interpretation of the experiment's purpose and subconsciously change their behaviour to fit that interpretation.**

In light of the above statements, choose the *most appropriate* answer from the options given below.

Options:-

- (i) Both Statement I and Statement II are correct
- (ii) Both Statement I and Statement II are incorrect
- (iii) Statement I is correct but Statement II is incorrect
- (iv) Statement I is incorrect but Statement II is correct

**20. A device driver is:**



Options:-

- (i) A port that connects a device and a system
- (ii) A software that communicates with the operating system and translates data into a format understood by the device.
- (iii) A software that performs disk compression
- (iv) A software that performs disk defragmentation

**Q-21. Given below are two statements**

**Statement I: Aerobic digestion of sewage sludge requires lots of energy**

**Statement II: Aerobic digestion of sewage sludge produces huge amount of methane**

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

Options:-

- (i) Both Statement I and Statement II are false
- (ii) Both Statement I and Statement II are true
- (iii) Statement I is false but Statement II is true
- (iv) Statement I is true but Statement II is false

**Q-22. Match List I with List II**

<b>List I</b>	<b>List II</b>
Piaget's stages of Cognitive Development	Approximate age
Sensorimotor	Begins about the first grade to early adolescent, around 11 years old
Preoperational	Adolescent to adulthood
Concrete operational	0 - 2 years
Formal operational	Begins about the time the child starts talking to about 7 years old

*Match List I with List II*

Options:-

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

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

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

**Q-23. The Gandhian method of communication is known as:**

Options:-

(i) Massive

(ii) Massline

(iii) Non-technological

(iv) Personal

**Q-24. Given below are two statements**

**Statement I: Two contrary statements cannot both be false.**

**Statement II: Two contrary statements cannot both be true.**

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

Options:-

(i) Both Statement I and Statement II are false

(ii) Both Statement I and Statement II are true

(iii) Statement I is false but Statement II is true

(iv) Statement I is true but Statement II is false

**Q-25. Discourse analysis in historical research is associated with**

Options:-

(i) Carr

(ii) Foucault

(iii) Hobsbawn

(iv) Skinner

**Q-26. Match List I with List II**

List I	List II
Communication function/issue	Area of operation
Gatekeeping	Time-binding capacity
Persuasion	News

Entropy	Advertising
Memory	Chaos in communication
<i>Match List I with List II</i>	

Options:-

- (i) A - I, B - II, C - III, D - IV, Option ID:- 14152,
- (ii) A - II, B - III, C - IV, D - I, Option ID:- 14149,
- (iii) A - III, B - IV, C - I, D - II, Option ID:- 14150,
- (iv) A - IV, B - I, C - II, D - III, Option ID:- 14151

**Q-27. Given below are two statements**

**Statement I: It is obvious that if higher education is not radically improved, our administration and technical progress, our intellectual standards and social advance will be most seriously handicapped. This is a major recommendation of the University Education Commission.**

**Statement II: The University Grants Commission was established in accordance with the recommendation of the National Education Commission.**

In light of the above statements, choose the most appropriate answer from the options given below.

Options:-

- (i) Both Statement I and Statement II are correct
- (ii) Both Statement I and Statement II are incorrect
- (iii) Statement I is correct but Statement II is incorrect
- (iv) Statement I is incorrect but Statement II is correct

**Q-28. As students mature, the study of social issues at the community, state, national and international levels can be made available to them. Which model is designed for this purpose?**

Options:-

- (i) Group investigation,
- (ii) Jurisprudential inquiry
- (iii) Role playing
- (iv) Structured inquiry

**Q-29. The 4 ₹ approach to conflict resolution comprises:**

- A. Reading
- B. Writing
- C. Respect
- D. Reprimand
- E. Resolution

Choose the correct answer from the options given below:

Options:-

- (i) A, B, C and D only
- (ii) A, B, C and E only
- (iii) A, B, D and E only
- (iv) B, C, D and E only

**Q-30. Arrange the phases for syntax of Group Investigations Model in correct sequence:**

- A. Students formulate study task and organize for study
- B. Students analyses progress and process
- C. Students encounter puzzling situation
- D. Independent and Group study
- E. Students explore reactions to the situation

Choose the correct answer from the options given below

Options:-

- (i) A, C, B, E, D, Option ID:- 14097,
- (ii) B, A, D, E, C, Option ID:- 14098,
- (iii) C, E, A, D, B, Option ID:- 14099,
- (iv) D, E, B, A, C, Option ID:- 14100,

**Q-31. The angle between hour hand and the minute hand at 3: 40 pm is**

Options:-

- (i)  $120^\circ$
- (ii)  $125^\circ$
- (iii)  $130^\circ$

(iv)  $150^\circ$

**Q-32. As per NEP-2020, the responsibility to develop Adult Educator Framework has been given to which one of the following organizations?**

Options:-

(i) MHRD

(ii) NCERT

(iii) NCTE

(iv) NIEPA

**Q-33. A sum of money on simple interest doubles itself in 10 years. It will triple itself in**

(i) 15 years

(ii) 20 years

(iii) 30 years

(iv) 32 years

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## Assignment 7 Question Answer 1<sup>st</sup> Dec 1<sup>st</sup> Shift Englishlit NTANET Paper 1 Part 3

**Q-34. Given below are two statements**

**Statement I: The average of first twenty multiples of 9 is 92.5.**

**Statement II: The average of first ten multiples of 11 is 60.5.**

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

Options:-

- (i) Both Statement I and Statement II are correct
- (ii) Both Statement I and Statement II are incorrect
- (iii) Statement I is correct but Statement II is incorrect
- (iv) Statement I is incorrect but Statement II is correct

**Q-35. Identify the fallacy committed in the argument**

**No tragic actors are happy men.**

**Some comedians are not happy men.**

**Therefore, some comedians are not tragic actors.**

Options:-

- (i) Existential fallacy
- (ii) Fallacy of Exclusive Premises
- (iii) Fallacy of Illicit Major
- (iv) Fallacy of Undistributed Middle

**Difficulty:** Conceptual

**Q-36. 'Solar water still' is a device to**

Options:-

- (i) Convert saline water to potable water using solar energy
- (ii) Generate electricity using solar energy
- (iii) Heat water using solar energy
- (iv) Pump water using solar energy

**Q-37. Identify the correct sequence of Inference from beginning to end, according to the Nyāya system.**

- A. Udaharaṇa
- B. Hetu
- C. Pratijñā
- D. Nigamana
- E. Upanaya

Choose the correct answer from the options given below

Options:-

- (i) B, A, C, D, E,
- (ii) B, A, D, C, E,
- (iii) C, A, B, E, D,
- (iv) C, B, A, E, D,

**Q-38. Convention on Biodiversity was signed during**

Options:-

- (i) Earth Summit at Rio de Janeiro, 1992
- (ii) Human Environment Conference, Stockholm, 1972
- (iii) Kyoto Protocol, 1997
- (iv) Montreal Protocol, 1987

**Q-39. Which of the following statements is/are true?**

- A. The terms 'true' and 'false' apply to arguments.
- B. The terms 'true' and 'false' apply to statements.
- C. The terms 'valid' and 'invalid' apply to arguments.

D. The terms 'cogent' and 'non-cogent' apply to statements.

Choose the correct answer from the options given below:

Options:-

- (i) A and C only
- (ii) A and D only
- (iii) B and C only
- (iv) C and D only

**Q-40. given below are two statements, one is labelled as Assertion A and the other is labelled as Reason R;**

**Assertion A: The major deficiency of pre-experimental design is that they fail to provide comparison groups.**

**Reason R: Equivalence can be achieved through matching and random assignment.**

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

Options:-

- (i) A is false but R is true
- (ii) A is true but R is false
- (iii) Both A and R are true and R is the correct explanation of A
- (iv) Both A and R are true but R is NOT the correct explanation of A

**Q-41. given below are two statements, one is labelled as Assertion A and the other is labelled as**

**Reason R**

**Assertion A: To make it easier for government as well as non-government philanthropic organisations to build schools regulations on inputs should be limited to certain areas only.**

**Reason R: Government should provide effective, enabling and sufficient infrastructure so that all schools have access to safe and engaging school education.**

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

Options:-

- (i) A is correct but R is not correct
- (ii) A is not correct but R is correct



(iii) Both A and R are correct and R is the correct explanation of A

(iv) Both A and R are correct but R is NOT the correct explanation of A

**Q-42. Given below are two statements**

**Statement I: In the Nyāya system, inference is made from the particular to the particular through the Universal.**

**Statement II: In the Nyāya system, inference is made from the Universal to the Universal through the particular.**

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

(A) Both Statement I and Statement II are correct

(B) Both Statement I and Statement II are incorrect

(C) Statement I is correct but Statement II is incorrect

(D) Statement I is incorrect but Statement II is correct

**Q-43. Given below are two statements**

**Statement I: The primary act of communication begins when an individual decides to use a particular language symbol, susceptible to standardised interpretation, resulting in common meaning.**

**Statement II: Meaning refers to inner, subjective reactions to images, interpretations, emotions and feelings as given out by the words used.**

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

Options:-

(A) Both Statement I and Statement II are correct

(B) Both Statement I and Statement II are incorrect

(C) Statement I is correct but Statement II is incorrect

(D) Statement I is incorrect but Statement II is correct

**Q-44. Which of the following statements about Anti-virus software are correct?**

A. Problem files/programs are quarantined and can be automatically removed

B. Check all files before being loaded or run

C. Use a database to identify potential risks

D. Used for data authenticity

Choose the correct answer from the options given below:

Options:-

- (i) A, B and C only
- (ii) A, B and D only
- (iii) A, C and D only
- (iv) B, C and D only

**Q-45. Which of the following are examples of violation of research ethics?**

- A. Violating participant confidentiality
- B. Making recommendations beyond the scope of data collected
- C. Using an inappropriate research design
- D. Changing data to meet a desired outcome
- E. Using a quantitative method in place of a qualitative method

Choose the correct answer from the options given below:

Options:-

- (i) A, B and D only
- (ii) A, B, C and D only
- (iii) B, C, D and E only
- (iv) B, D and E only

Passage

**Read the given passage and answer the questions that follow**

There is a question whether advertising induces demand for an individual company's product more or less elastic. The evidence indicates that the advertising of brands tends to make their demands relatively inelastic for varying periods of time. The data which support this condition are found in the relatively rigid prices of many advertised articles. That brand advertising would have this effect is natural, for an objective of brand advertising is to build consumer preferences. Some consumers will stick by a brand even though its price relationship with competing brands are disturbed. Clearly, the establishment of strong brand preference has led some manufacturers to act as though these preferences made the demand for their brands relatively inelastic. Rarely have they tested the inelasticity of their brands by raising and holding up their prices when competitors have failed to follow similar procedures. Yet, numerous examples were found in which manufacturers in periods of depression held their prices rigid while prices generally and the prices of some competitors were being lower

sooner or later, and either demand shifted to sellers with lower prices or a reduction in price was forced. The quickness with which price competition comes into play varies in different product fields. In the fields of proprietary remedies, the highly individualised nature of the branded products and the tendency of consumers to build strong attachments to brands has given these brands an inelastic demand over relatively long periods of time. Even in these instances, however, price competition has eventually developed.

**Q-46. The demand inelasticity of articles in terms of non-varying prices is due to**

Options:-

- (i) Advertising of branded products
- (ii) Consumer ignorance
- (iii) Differences in products
- (iv) Varying time factor

**Q-47. Why do some manufacturers make their brands of products demand inelastic?**

**It is because of**

Options:-

- (i) Competitors increasing the priceline
- (ii) Holding price line
- (iii) Market trend
- (iv) Strong consumer preference

**Q-48. The passage focuses upon**

Options:-

- (i) Impact of advertising on product pricing
- (ii) Price competition and branded products.
- (iii) Promotion of branded products in the sellers' market
- (iv) Proprietary remedies for branded articles

**Q-49. Strong consumer attachment for branded products eventually led to**

Options:-

- (i) Branded products falling in line
- (ii) Cartelisation of manufacturers
- (iii) Lasting demand inelasticity

(iv) Uniform pricing

**Q-50. What was the post-depression development as regards product pricing?**

Options:-

(i) Increased market for branded products

(ii) Price competition, resulting in reduction

(iii) Shift in demand to consumers

(iv) Stabilisation of prices

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