

UGC NET JUNE 2019 PAPER 1 (PAPER 1 HELD ON 24TH JUNE 2019)

Q.1 A hypothesis should be conceptually

- (a) convoluted, complex and generic
- (b) complex, tough and general
- (c) simple, clear and specific
- (d) obscure, complicated and simple

Q.2 Peer group interaction in a classroom helps in

- (a) Concept understanding
- (b) Realization of One's misunderstanding
- (c) Rapport Building
- (d) Questioning

Q.3 Mailed questionnaire, observation, interview and collective questionnaire are instances of

- (a) Secondary sources
- (b) Personal sources
- (c) Primary sources
- (d) Tertiary sources

Q.4 During research, while recording observations if an observer rates an individual based on the rating given in another aspect of the interaction, this is termed as the

- (a) Evaluation effect
- (b) Error of central tendency
- (c) Halo effect
- (d) Categorical effect

Q.5 Listening is important for a teacher to

- (a) address the requirement of the learner
- (b) gain knowledge
- (c) keep the learner in good humour
- (d) evaluate the learner for the progress made

Q.6 The formulation of a research problem can be compared to

- (a) Laying the foundation of a building
- (b) Building the walls of a home
- (c) Polishing the doors of a building
- (d) Constructing the ceiling of a house

Q.7 When the learning outcomes of students are ensured with employment of less resources and effort on the part of a teacher and more initiative for self-learning is evident, which of the following expression will describe the teacher most appropriately?

- (a) Teacher is successful
- (b) Teacher is effective
- (c) Teacher is intelligent
- (d) Teacher is practical

Q.8 The study of 'why does stressful living result in heart attack'? Can be classified as

- (a) Descriptive research
- (b) Explanatory research
- (c) Correlational research
- (d) Feasibility research

Q.9 Inclusive education implies

- (a) Ensuring learning outcome of every child to be the same
- (b) Including the disabled in the main stream
- (c) Provides compulsory education for children below 14 years
- (d) Ensuring that no child is left behind in education

Q.10 Reflective Practice implies use of one's

- (a) Cognition
- (b) Metacognition
- (c) Metacognition on cognition

- (d) Reinforcement of learning

Comprehension:

A business will usually go through a clear set of stages that will make up its organizational life cycle. These stages include introduction, early growth, continuous growth, maturity and decline. The first stage, the introduction stage, is the start-up phase where a business decides what its core strengths and capabilities are and starts selling its product or service. At this early stage, the founder or founders will be a part of every aspect of the daily process of the business. The main goal at this stage is to take off to a good start and make a place in the market.

The next stage, the early growth phase, aims at increased sales and more development. The focus at this stage remains on the original product or service but the effort is to increase the market share and venture into related products or services. The main goal is to move the founder to a more managerial role so more time is spent on managing and building the business. At this stage, documents and policies need to be developed so any member of the organization can see the business any time.

The third stage, the continuous growth stage, requires a systematic structure and more formal relationships among its participants. At this stage, the resource requirements of the business need careful handling. The focus is on the expansion of the business, keeping in mind its core strength and capability. A formal organizational structure and a clear delegation plan are important at this stage.

At the fourth stage of maturity, a business often slows down as the level of innovative energy may have become weak and the formal structures may have become obstacles. A lot of care is required to prevent decline.

Sub Question No: 11

Q.11 When will a business create its place in the market?

- (a) At maturity
- (b) At introduction
- (c) At early growth
- (d) At late growth

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Sub Question No: 12

Q.12 The founder of a business does not move to a more managerial role at which stage?

- (a) Early growth stage
- (b) Maturity stage
- (c) Decline stage
- (d) Start up stage

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Sub Question No: 13

Q.13 The resource requirements of a business need careful handling at which stage?

- (a) Fourth
- (b) First
- (c) Third
- (d) Second

Comprehension:

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Sub Question No: 14

Q.14 Venturing into related products and services does not mean that a business will

- (a) ignore the original product

- (b) move the founder to a more managerial role
- (c) delegate more responsibilities
- (d) ignore the related products and services

Comprehension:

A business will usually go through a clear set of stages that will make up its organizational life cycle. These stages include introduction, early growth, continuous growth, maturity and decline. The first stage, the introduction stage, is the start-up phase where a business decides what its core strengths and capabilities are and starts selling its product or service. At this early stage, the founder or founders will be a part of every aspect of the daily process of the business. The main goal at this stage is to take off to a good start and make a place in the market.

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Sub Question No: 15

Q.15 The slowing down of a business can happen if,

- (a) there is a decline in the market share
- (b) the level of innovative energy weakens
- (c) the managerial roles are not clear
- (d) the level of investment declines

Q.16 Which of the following signifies non-verbal communication in an essential way?

- (a) Instructions written on a question paper
- (b) Learner attending an online class
- (c) The dress code followed by an individual
- (d) Yoga instructor teaching yoga poses to the pupils

Q.17 Which of the following is a stage of intrapersonal communication?

- (a) Phatic stage
- (b) Intimate stage
- (c) Personal stage
- (d) Transcendental communication

Q.18 If the average of five numbers is -20 and the sum of three of the numbers is 32, then what is the average of the other two numbers?

- (a) -66
- (b) -33
- (c) -34
- (d) -132

Q.19 Consider the example given below:

Devadatta is growing fat.

He does not eat food during the day.

Therefore, He must be eating food during the night, other things being equal.

Identify the logic involved in the example provided above by choosing the correct answer from options given below:

- (a) Arthapatti
- (b) Anupalabdi
- (c) Anumana
- (d) Sabda

Q.20 A man travelled from the village to the railway station at the rate of 20 Kmph and walked back at the rate of 5 kmph. If the whole journey took 5 hours, find the distance of the railway station from the village.

- (a) 10 km
- (b) 15 km
- (c) 20 km
- (d) 40 km

Q.21 Among the five friends, Vineet is taller than Monika, but not as tall as Ram. Jacob is taller than Dalip but shorter than Monika. Who is the tallest in their group?

- (a) Ram
- (b) Monika
- (c) Vineet
- (d) Jacob

Q.22 No Musicians are Japanese

All Barbers are Musicians

No Barbers are Japanese

Identify the Middle Term in the above syllogism

- (a) Subject in the first premise and predicate in the second premise
- (b) Predicate in the first premise and subject in the second premise
- (c) Predicate in the both premises
- (d) Subject in both the premises

Q.23 A trader mixes three varieties of refined oil costing Rs.100, Rs.40 and Rs.60 per litre in the ratio 2:4: 3 in terms of litre, and sells the mixture at Rs.66 per litre. What percentage of profit does he make?

- (a) 12%
- (b) 10%
- (c) 9%
- (d) 8%

Q.24 Consider the argument provided below:

“Sound is permanent because it is a product like the jar”.

Identify the fallacy involved in the above argument on the basis of Indian logic from the options given below.

- (a) Fallacy of contradictory reason
- (b) Fallacy of wrong assertion
- (c) Fallacy of irrelevant reason
- (d) Fallacy of trivial reason

Q.25 If $0.75x = 0.02y$, then the value of $\left\{\frac{y-x}{y+x}\right\}$ is

- (a) $\frac{73}{75}$
- (b) $\frac{75}{77}$
- (c) $\frac{73}{77}$
- (d) $\frac{730}{75}$

Q.26 Which of the following is a characteristic of modern mass media?

- (a) Capital intensive

- (b) Labour intensive
- (c) Sustainable
- (d) Developmental

Q.27 If RED is coded as 6720, then how would GREEN be coded?

- (a) 16717209
- (b) 1677209
- (c) 9207716
- (d) 1677199

Q.28 Inductive argument proceeds from

- (a) Universal to Particular
- (b) Particular to Universal
- (c) Universal to Universal
- (d) Particular to Particular

Q.29 Assertion (A): Communication presupposes a shared, symbolic environment, a social relationship even among non-participants

Reason (R): It leads to social interaction, which in combination with other factors contributes to a sense of community.

Choose the correct option given below:

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

Q.30 Semantic barrier of communication is implied when the

- (a) signal is lost before reaching the receiver
- (b) message transmitted by the source is unclear
- (c) receiver's attention is diverted
- (d) receiver does not understand the meaning of the message

Comprehension:

Consider the following table that shows the production of fertilizers by a company (in 10000 tonnes) during the year 2011 to 2018.

Answer the questions based on the data contained in the table :

Year	2011	2012	2013	2014	2015	

Production of Fertilizers	35	50	70	55	75	
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Sub Question No: 31

Q.31 In how many of the given years was the production of fertilizers more than the average production of the given years?

- (1) 2
- (2) 3
- (3) 4
- (4) 5

Comprehension:

Consider the following table that shows the production of fertilizers by a company (in 10000 tonnes) during the year 2011 to 2018.

Answer the questions based on the data contained in the table :

Year	2011	2012	2013	2014	2015	2016	2017	2018
Production of Fertilizers	35	50	70	55	75	60	85	90

Sub Question No: 32

Q.32 The average production of 2012 and 2013 was exactly equal to the average production of which of the following pairs of years?

- (a) 2011 and 2012
- (b) 2011 and 2017
- (c) 2012 and 2014
- (d) 2015 and 2016

Comprehension:

Consider the following table that shows the production of fertilizers by a company (in 10000 tonnes) during the year 2011 to 2018.

Answer the questions based on the data contained in the table :

Year	2011	2012	2013	2014	2015	2016	2017	2018
Production of Fertilizers	35	50	70	55	75	60	85	90

Sub Question No: 33

Q.33 What was the percentage decline in the production of fertilizers from 2013 to 2014?

- (a) 20.4%
- (b) 21.4%
- (c) 22.6%
- (d) 24.2%

Comprehension:

Consider the following table that shows the production of fertilizers by a company (in 10000 tonnes) during the year 2011 to 2018.

Answer the questions based on the data contained in the table :

Year	2011	2012	2013	2014	2015	2016	2017	2018
Production of Fertilizers	35	50	70	55	75	60	85	90

Sub Question No: 34

Q.34 In which year, the percentage increase in production as compared to the previous year was maximum?

- (a) 2012
- (b) 2013
- (c) 2015
- (d) 2018

Comprehension:

Consider the following table that shows the production of fertilizers by a company (in 10000 tonnes) during the year 2011 to 2018.

Answer the questions based on the data contained in the table :

Year	2011	2012	2013	2014	2015	2016	2017	2018
Production of Fertilizers	35	50	70	55	75	60	85	90

Sub Question No: 35

Q.35 What was the approximate percentage increase in production of fertilizers in 2018 compared to that in 2011?

- (a) 157%
- (b) 165%
- (c) 177%
- (d) 182%

Q.36 One Terabyte (TB) of memory is equal to

- (a) 1024KB
- (b) 1024 x 1024 KB
- (c) 1024 x 1024 x 1024 KB
- (d) 1024 x 1024 x 1024 Bytes

Q.37 In which era given below, higher education in India got a set back?

- (a) British Era
- (b) Buddhist Era
- (c) Mughal Era
- (d) Post-Independence Era

Q.38 The expansion of SANKALP is,

- (a) Sanskrit Awareness and Knowledge Acquisition of Language Programme
- (b) Skills Acquisition and Karatae Awareness for Livelihood Promotion
- (c) Skills Acquisition and Knowledge Awareness for Livelihood Promotion
- (d) Sanskrit Awareness and Knowledge Acquisition for Livelihood Promotion

Q.39 Match the following:

- Set I
- (a) First Generation

- Set II
- (i) Transistor

- | | |
|-----------------------|--------------------------|
| (b) Second Generation | (ii) VLSI microprocessor |
| (c) Third Generation | (iii) Vacuum tube |
| (d) Fourth Generation | (iv) Integrated circuit |

Select the correct option from the following:

- | | (a) | (b) | (c) | (d) |
|-----|-------|-------|------|------|
| (1) | (iii) | (iv) | (i) | (ii) |
| (2) | (iii) | (i) | (iv) | (ii) |
| (3) | (iii) | (i) | (ii) | (iv) |
| (4) | (i) | (iii) | (iv) | (ii) |

Q.40 In Audio and Video compression, the term RGB means

- (a) Red, Grey, Blue
- (b) Red, Green, Blue
- (c) Red, Green, Black
- (d) Red, Grey, Black

Q.41 The target set by Indian government for generating power from wind energy by the year 2022 is

- (a) 60 GW
- (b) 50 GW
- (c) 40 GW
- (d) 15 GW

Q.42 The mangroves exist in

- (a) Fresh water system
- (b) Temperate areas
- (c) Semi-arid areas
- (d) Saline waters

Q.43 In which year the modern Indian University got established?

- (a) 1957
- (b) 1857

- (c) 1947
- (d) 1964

Q.44 Which of the following statements best explains the concept of sustainable development?

- (a) Use of natural resources minimally
- (b) Use of natural resources for our benefit
- (c) Use of natural resources judiciously so that they are available for future generations
- (d) Preserve our natural resources for our future generation

Q.45 The report of which of the following Education Commissions carries the sub-title 'Education for National Development'?

- (a) Radhakrishnan Commission
- (b) Mudaliar Commission
- (c) Calcutta University Education Commission
- (d) Kothari Commission

Q.46 Which pollutant is the major source of marine pollution?

- (a) Agricultural run-off
- (b) Oil spill
- (c) Industrial waste water
- (d) Sewage

Q.47 Permafrost is defining characteristic of which biome?

- (a) Taiga
- (b) Tundra
- (c) Grassland
- (d) Desert

Q.48 Chemical oxygen demand in eutrophic water is

- (a) Low
- (b) High
- (c) Medium
- (d) Extremely low

Q.49 Which of the following is not a/an web browser?

- (a) Internet Explorer

- (b) Mozilla Firefox
- (c) Google chrome
- (d) Yahoo

Q.50 A/An _____ is a computer program that spreads by inserting copies of itself into other executable code or documents.

- (a) Operating System
- (b) Computer Virus
- (c) Firewall
- (d) Anti-virus