



## UGC NET Paper-1 - Previous Years Question Papers

In any UGC NET exam, you will find large number of questions appearing from previous papers. So whatever sources/books/websites/coaching you are preparing from, going through previous papers is a MUST.

So, how to make best use of these question papers? Start solving papers one by one. While solving each question, try to understand the “entire concept” not just the given “question”. For example, if question is:

**Brain storming as a method can be used for:**

**(A) Out-of-box thinking (B) Coherent thinking (C) Generate new ideas in the area of interest (D) Critical thinking**

Now do not just look for the Answer (Option C)? Also find out, what exactly are these terms? What does each term mean and what all is included in its description? Do not just solve the particular question...Learn the Concept...Questions will not repeat in next exam...Concepts will repeat...You should be equipped to handle any question on career, just because you did one question.

Please mind it that, it will take time. May be 8-10 hours for each paper.... But if you attempt all previous years' papers with this approach, no one can stop you from getting very good score in UGC NET.

Human Peritus courses have been designed with this approach only. By doing it over the years, we have reached a stage, where consistently more than 85-90% of questions in the exam, are from our course. Check the website of HUMAN PERITUS, to understand how thousands of students are clearing UGC NET with us.

If you have something else on your mind, you may connect with our team.

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All the Best.

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## UGC NET June 2020 9<sup>th</sup> October Morning Shift

The table below provides data on the number of candidates who appeared A and qualified Q in a test during the years from 2014 to 2019 from five different zones J. K. L. M and N. In accordance with the table, answer the following questions.

Year wise Number of Candidates from Different Zones:

Year	J		K		L		M		N	
	A	Q	A	Q	A	Q	A	Q	A	Q
2014	320	250	350	140	380	220	420	240	620	260
2015	460	340	690	420	690	440	740	330	620	480
2016	650	490	770	450	590	480	830	560	640	420
2017	740	570	540	340	720	320	930	640	780	620
2018	880	480	660	520	860	680	1140	520	990	690
2019	920	560	1060	640	1030	740	1420	1140	1180	940

1.) The difference between the number of candidates who appeared and qualified in the test from Zone-M in the given period was the second lowest in the year:

- (A) 2014
- (B) 2016
- (C) 2017
- (D) 2019

2.) The number of candidates who appeared in the test from Zone - K in the year 2017 was approximately what percentage of the number of candidates who qualified the test from the Zone - L in the year 2019?

- (A) 88%
- (B) 83%
- (C) 73%
- (D) 68%

3.) What was the average number of candidates who appeared in the test from Zone - N over all the years together?

- (A) 810
- (B) 815
- (C) 825
- (D) 805

4.) The ratio of the number of candidates who appeared in the test from the Zone - J in the year 2014 to the number of candidates who qualified the test from the Zone - M in the year 2016 was:

- (A) 4 : 7
- (B) 4 : 9
- (C) 9 : 4
- (D) 8 : 13

5.) The total number of candidates who qualified the test in the year 2015 and 2019 together was the second highest in the zone:

- (A) J
- (B) N
- (C) K
- (D) L

6.) An open classroom environment marked by sharing and caring by teachers and students in their interchanges will be most helpful for which level of teaching?

- (A) Memory level
- (B) Understanding level
- (C) Reflective level
- (D) Autonomous development level

7.) Which will be the correct hierarchical sequencing for the following types of learning?

- (i) Discrimination learning
- (ii) Sign learning
- (iii) Concept learning
- (iv) Problem solving learning
- (v) Rule learning

Choose the correct answer from the options given below:

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

8.) Which of the following research forms, aims primarily at putting to use the theoretical advances with an eye on exploring the potential for generalizability?

- (A) Fundamental research
- (B) Evaluative research
- (C) Action research
- (D) Applied research

9.) Which of the following intellectual characteristics in a teacher need nurturing in order to accomplish subjective well-being leading to effectiveness in motivating and inspiring students of college level education?

- (A) Cognitive intelligence related
- (B) Emotional intelligence related
- (C) Social intelligence related
- (D) Spiritual intelligence related

10.) Given below are 2 Statements:

Statement I: Instructional technology is a network of techniques pressed into service for realizing instructional objectives.

Statement II: Computer-aided instruction can replace the teacher if the goal of education is personality development.

In the light of the above statements, choose the correct 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

11.) In a research project using triangulation approach which of the following can form part of the investigation on studying "parental participation, attitude and problems"?

- (i) Interview
- (ii) Observation
- (iii) Tests
- (iv) Sociometry
- (v) Focused group discussion

Choose the correct answer from the options given below:

Codes

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

12.) In which method of research the independent variable is manipulated to observe and measure its effect on dependent variable?

- (A) Ex-post facto method
- (B) Experimental method
- (C) Case study method
- (D) Historical method

13.) In which of the following there is considerable scope for violation of research ethics?

- (i) Problem formulation
- (ii) Data interpretation
- (iii) Hypothesis making
- (iv) Reporting of research results
- (v) Using research tools prepared by others

Choose the correct answer from the options given below:

Codes

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

14.) Given below are 2 Statements:

Statement I: A research hypothesis is a conjectural statement postulating the relationship among variables with a view to advance solution to the problem of study.

Statement II: The Non-probability sampling procedures provide the best estimate for the population parameter.

In the light of the above statements, choose the correct 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

15.) Which of the characteristics in classroom teaching behavior as given below will be classified as a part of formative assessment?

- (i) The teacher asks question to elicit classification from students.
- (ii) The teacher specifies the level of mastery attained by students.
- (iii) The teacher prompts and probes the students while making presentation.
- (iv) The teacher pauses for a few seconds, looks at students and asks questions.
- (v) The teacher indicates performance criteria and given judgmental values.

Choose the correct answer from the options given below:

Codes

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

16.) Poor listening by the audience leads to:

- (A) Appreciating the speaker
- (B) Wild imaginations
- (C) Inaccurate inferences
- (D) Disrespecting the speaker

17.) Match the following.

List-I (Authors)

- (a) Aristotle
- (b) Shannon and Weaver
- (c) Wilbur Schramm
- (d) David Berlo

List-II (Communication concepts)

- (i) SMCR - Sender, Message, Channel - Receiver - Model
- (ii) Circular Communication
- (iii) Speaker - Centred Communication
- (iv) Top-down, Linear Communication

Codes

- (a) (b) (c) (d)
- (A) (i), (ii), (iii), (iv)
- (B) (ii), (iii), (iv), (i)
- (C) (iii), (iv), (ii), (i)
- (D) (iv), (i), (iii), (ii)

18.) Identify the chronological sequence of the following countries opting for educational broadcasting channels:

- (i) Great Britain
- (ii) The United States
- (iii) Australia
- (iv) India
- (v) Canada

Choose the correct answer from the options given below:

Codes

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

19.) Given below are 2 Statements:

Statement I: Free and unlimited use of non-verbal cues enhance the communicative aspects of classroom teaching.

Statement II: A pleasant persona of the teacher enlivens the classroom eco-system.

In the light of the above statements, choose the correct 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

20.) The consequences of effective classroom communication are:

- (i) Enhanced expectations of teacher from students
- (ii) Learning as satisfying pursuit
- (iii) Increased promotional prospects for teachers
- (iv) Enabling students to achieve goals
- (v) Positive learning outcomes

Choose the correct answer from the options given below:

Codes

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

21.) What part of  $\frac{1}{12}$  is  $\frac{3}{8}$ ?

- (A)  $\frac{3}{7}$
- (B)  $\frac{4}{3}$
- (C)  $\frac{1}{12}$

(D)  $\frac{9}{2}$

22.) Rajiv, Sanjiv and Vijay join a running race. The distance is 1500 meters. Rajiv beats Sanjiv by 30 meters and Vijay by 100 meters. By how much could Sanjiv beat Vijay over the full distance if they both ran as before?

- (A) 72.3 meters
- (B) 71.5 meters
- (C) 71.4 meters
- (D) 70.2 meters

23.) Given below are 2 statements:

Statement I: If you know the length of two sides of a right angled triangle then the length of the third side cannot be found.

Statement II: The internal angles of a triangle add upto  $180^\circ$ .

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

Codes

- (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

24.) The given equation becomes correct after interchanging two signs. One of the four alternatives under it specifies the interchange of signs in the equation which when made will make the equation correct.

Find the correct alternative?

$$9 + 5 \div 4 \times 3 - 6 = 12$$

- (A) + and -
- (B)  $\div$  and -
- (C) + and  $\times$
- (D)  $\div$  and  $\times$

25.) Find the odd one out in following sequence:

1, 5, 14, 30, 50, 91

- (A) 14
- (B) 30
- (C) 50
- (D) 55

26.) "Fat Krishnadatta eats either during day or night, Fat Krishnadatta does not eat during day, therefore fat Krishnadatta eats during night". The above is an example of which type of inference?

- (A) Comparison (Upamana)
- (B) Verbal testimony (Shabda)
- (C) Negation (Anupalabdhi)
- (D) Implication (Arthapatti)

27.) A and B play Football, Cricket and Hockey. B and C play Hockey and Badminton. C and D play Badminton and Tennis. D and A play Football, Cricket and Tennis. Find out the correct answer among the following:

- (i) C does not play Cricket
- (ii) B and D both play Tennis
- (iii) A plays football, Cricket and Badminton
- (iv) A, B and D play Football and Cricket
- (v) Except B all play Tennis

Choose the most appropriate answer from the options given below:

Codes

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

28.) What will come in place of the question mark (?) in the following series?

U, O, I, ?, A

- (A) M
- (B) G
- (C) B
- (D) E

29.) If the day before yesterday was Friday, what will be the third day after the day after tomorrow?

- (A) Friday
- (B) Saturday
- (C) Thursday
- (D) Wednesday

30.) Match the following.

List-I

- (a) Lizard : Reptile
- (b) Tennis : Court
- (c) Bull : Cow
- (d) Botany : Plant

List-II

- (i) Skating : Rink
- (ii) Haematology : Blood
- (iii) Eagle : Bird
- (iv) Wizard : Witch

Codes

- (a) (b) (c) (d)
- (A) (i), (ii), (iv), (ii)
- (B) (ii), (iv), (i), (iii)
- (C) (iii), (i), (iv), (ii)
- (D) (iv), (iii), (ii), (i)



31.) In computers, a DVD-ROM is:

- (A) an optical storage media and it can be written many times.
- (B) a magnetic storage media and it can be written only once.
- (C) an optical storage media and it can be written only once.
- (D) a magnetic storage media and it can be written many times.

32.) With regard to computer memory, which of the following statement(s) is/are TRUE?

- (i) Cache memory is 'volatile' memory.
- (ii) Magnetic memory is 'volatile' memory.
- (iii) Flash memory is 'volatile' memory.
- (iv) RAM is 'volatile memory'.

Choose the correct answer from the options given below:

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

33.) The Recycle Bin is an area in Windows OS that contains files deleted from the:

- (i) hard drive
- (ii) Pen drive
- (iii) CD-ROM

Choose the correct answer from the options given below:

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

34.) Identify the correct order of the following computer memories on the basis of increasing memory access time (from low to high).

- (i) Registers
- (ii) Main Memory
- (iii) Secondary Memory
- (iv) Cache Memory

Choose the correct answer from the options given below:

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

35.) Given below are 2 Statements:

Statement I: Minimum number of bits required to store any 3-digit decimal number is 10.

Statement II: The data in a digital computer is stored in terms of bits/ bytes where one Petabyte is equal to  $2^{50}$  bits.

In the light of the above statements, choose the correct 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

36.) India has huge Thorium reserve, a potential source of nuclear energy. This thorium reserve is mainly confined in the:

- (A) rocks of Chhota Nagpur plateau
- (B) muds of Sunderban delta
- (C) coastal sands of Kerala sea
- (D) sands of Thar desert

37.) Identify the objectives specific to sustainable Development Goals among the following:

- (i) Responsible consumption and production
- (ii) Life on land
- (iii) Improving maternal health
- (iv) Ensuring environmental sustainability
- (v) Reduced inequality

Choose the correct answer from the options given below:

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

38.) Given below are 2 Statements, one is labelled as Assertion A and other is labelled as Reason R.

Assertion A: Emissions from diesel vehicles are relatively less harmful to human health in comparison to petrol vehicles.

Reason R: Emissions of hydrocarbons and carbon monoxide are inherently very low from diesel vehicles.

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

- (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

39.) Given below are 2 Statements, one is labelled as Assertion A and other is labelled as Reason R.

Assertion A: Solar ponds store solar energy in the form of heat.

Reason R: Solar ponds contain water with definite gradient of salt concentration.

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

Codes

- (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

40.) Which of the following sectors contributed least to the global carbon dioxide emissions in the year 2014 as per IPCC report?

- (A) Transportation

- (B) Agriculture and forest land use
- (C) Industry
- (D) Utility (Electricity and Heat Production)

41.) What is the correct decreasing order of research paper publications among the following BRICS countries?

- (A) India
- (B) China
- (C) South Africa
- (D) Russia

42.) MHRD, Government of India, initiative e-ShodhSindhu provides students and researchers access to:

- (A) Indian Ph.D thesis in electronic form
- (B) e-journals
- (C) Plagiarism software
- (D) Open source software for training in analytical techniques

43.) Which of the following ancient educational institutions was situated at the banks of river Ganga?

- (A) Nalanda University
- (B) Pushpagiri University
- (C) Vikramshila University
- (D) Takahashila University

44.) As per National Skills Qualifications Framework (NSQF), undergraduate B.Voc. degree programme requires completion of how many credits of Course Work?

- (A) 60 Credits
- (B) 80 Credits
- (C) 120 Credits
- (D) 180 Credits

45.) MHRD, Government of India. Scheme- 'ARIIA' stands for:

- (A) Atal Ranking of Institutions on Innovation Achievements
- (B) Atal Research Initiative on Innovation and Academics
- (C) Academic Ranking of Indian Institutions Achievements
- (D) Atal Ranking of Indian Institutions Achievements

Read the following passage carefully and answer the following questions (46 to 50).

Initially, most children want to do well in school. But the student who has experienced consistent failure in the classroom tends to lower his own expectations concerning school success. He may direct his energy outside the classroom to athletics or youth gangs or to other areas where he can experience the satisfaction of success. The student who has been negatively evaluated in the classroom rationalizes that school is not important to him because he believes it is impossible for him to succeed there. If a student is to continue to expect to do well in school, he needs to receive some positive evaluations for his academic performance. If an individual is to develop a positive concept of himself as a student, he needs to perform competently and to receive evaluations that he interprets to be positive within his own frame of reference.

When the student is perceived as a less competent learner, forces are set in motion that reduce the chances that his potential will be developed to its fullest extent in school. The other students and his teachers may come to view him as having less potential than he really has. The academic goals he sets for himself and those that are set for him by his well-intentioned teachers may not sufficiently challenge his true abilities. A student may divert his own personal resources to non-academic areas because he believes that success in academic subjects is not open to him. If he does not apply his maximum efforts to learning school subjects, he may fail to acquire some of the skills and knowledge he needs as a basis for further learning.

46.) A student, who is consistently poor performer in the class room, will

- (A) Strive hard to achieve his goals later.
- (B) Lower the image of the school in his eyes.
- (C) Aggressively compete with classmates outside the school.
- (D) Not expect much success in the school.

47.) What is the likely impact of negative evaluation of the student in the classroom?

- (A) He will be jealous of his classmates.
- (B) He will divert his attention to other fields for success.
- (C) He will perform well in athletics.
- (D) He gets into a state of depression.

48.) Positive evaluation of a student's academic performance will help him to:

- (A) perform well in future also
- (B) take up athletics
- (C) make friends
- (D) be considered as a role model by other students

49.) When a student is considered as less than competent what can be the outcome?

- (A) He may feel that his potential is not properly assessed.
- (B) He may think that others do not want him to succeed in academics.
- (C) Others in the school may rate his potential less than what he actually possesses.
- (D) He may divert his personal resources to non-academic areas.

50.) The gist of the passage is that:

- (A) A less competent student should seek his future in areas other than academics.
- (B) He should put maximum efforts to have a successful academic performance.
- (C) Teachers should motivate him to use his personal resources properly.
- (D) He should evaluate his own skills and knowledge as against teacher % expectations.