



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.

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

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UGC NET June2020 17th October Morning Shift

The table below embodies data on the number of candidates who appeared for an interview **I** and got admission **A** in five engineering disciplines during the year 2014 to 2019. In accordance with the table answer the questions 1-5: (UGC NET 17th Oct 2020 Morning paper)

Year wise number of candidates in engineering discipline										
Engineering Discipline →	Chemical		Civil		Aerospace		Petroleum		Electrical	
	I	A	I	A	I	A	I	A	I	A
2014	1274	1090	2108	2068	1180	1140	960	935	1216	1194
2015	1165	1065	2050	1980	1260	1180	1004	985	1132	1120
2016	1108	1024	1860	1815	1132	1040	870	855	1260	1246
2017	1230	1180	1996	1948	1060	980	1094	1070	1191	1170
2018	1492	1372	2530	2500	1465	1425	1160	1040	1242	1222
2019	982	930	3488	3448	1640	1590	1020	1010	1362	1342

1.) The ratio of number of candidates who appeared in an interview for admission to petroleum engineering discipline in the year 2014 compared to the number of candidates who get admission in electrical engineering discipline in the year 2015, is:

- (A) 3:5
- (B) 6:7
- (C) 7:6
- (D) 5:3

2.) What is the percentage increase/decrease in the number of candidates admitted in civil engineering discipline from the year 2015 to 2016?

- (A) 9.09%
- (B) 8.43%
- (C) 8.33%
- (D) 9.19%

3.) What is the difference between the total number of candidates who appeared for an interview over the six years in aerospace and electrical engineering disciplines?

- (A) 334
- (B) 61
- (C) 66
- (D) 344

4.) What is the average number of candidates who appeared for the interview in the year 2016 for admission to all the five engineering disciplines?

- (A) 1216
- (B) 1314
- (C) 1316
- (D) 1246

5.) What is the percentage of the total number of candidates admitted to the total number of candidates interviewed for all the years in chemical engineering discipline?

- (A) 8.1%
- (B) 91.68%
- (C) 8.8%
- (D) 91.86%

6.) A student scores 55, 60, 65 and 70 respectively in English, physics, chemistry and mathematics. If the credits assigned to English, physics, chemistry and mathematics are 2, 3, 3 and 4 respectively then what would be the average mark of the student? (UGC NET 17th Oct 2020 Morning paper)

- (A) 62.50
- (B) 63.75
- (C) 64.25
- (D) 64.75

7.) Which of the following are indicators of external accountability for an institution of higher learning? (UGC NET 17th Oct 2020 Morning paper)

- I. Provision for professional development of teachers.
- II. Utilization pattern of library and technical resources.
- III. Relevance of courses to the societal needs.
- IV. Performance of student in public examinations.
- V. Employment pattern of pass-out students.

Choose the correct answer from the options given below:

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

8.) Which of the following can be the major communication barriers to online teaching? (UGC NET 17th Oct 2020 Morning paper)

- I. Technology
- II. Legalities
- III. Student community
- IV. Culture
- V. Gender

Choose the correct answer from the options given below:

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

9.) Match List I with List II (UGC NET 17th Oct 2020 Morning paper)

List I (Examples of communication)

- I. Sending e-mail
- II. Verbal instruction
- III. Exchange of information between two groups of people
- IV. Traffic signals

List II (types of communication)

- 1. Semiotics
- 2. Transactional
- 3. Formal
- 4. Informal

Choose the correct answer from the options given below:

- (A) I-3, II-4, III-2, IV-1
- (B) I-2, II-3, III-1, IV-4
- (C) I-1, II-2, III-4, IV-3
- (D) I-4, II-1, III-3, IV-2

10.) Identify the correct sequence of the media production processes. (UGC NET 17th Oct 2020 Morning paper)

- I. Content preparation
- II. Planning
- III. Production
- IV. Transmission
- V. Feedback analysis

Choose the correct answer from the options given below:

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

11.) In terms of Indian logic, “This hill has smoke which is invariably associated with fire,” is called: (UGC NET 17th Oct 2020 Morning paper)

- (A) Pratigya or proposition
- (B) Universal concomitance together with an example
- (C) Upanaya- the application of the universal concomitance to the present case
- (D) Conclusion or Nigamana drawn from the preceding proposition

12.) Given below are two statements: One is labelled as **Assertion A** and the other is labelled as **Reason R**: (UGC NET 17th Oct 2020 Morning paper)

Assertion A: Data must be authentic before it can be of any value in a historical research, yet proof of authenticity does not establish its value, it must also be accurate.

Reason R: External criticism is, therefore, referred to as lower criticism of the data.

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

13.) From the following identify those which illustrate the fallacy of the unproved middle? (UGC NET 17th Oct 2020 Morning paper)

- I. *Ashrayasidha*
- II. *Swarupasidha*
- III. *Vyapyatvasidha*
- IV. *Virudha*
- V. *Badhita*

Choose the correct answer from the options given below:

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

14.) Cognitive dissonance in classroom communication is the result of (UGC NET 17th Oct 2020 Morning paper)

- (A) Filtering of message
- (B) Student interest
- (C) Student-based interaction
- (D) Chaotic conditions

15.) Which of the following 'need strengths' in Maslow's hierarchy are related to higher order learning? (UGC NET 17th Oct 2020 Morning paper)

- I. Physiological needs
- II. Safety needs
- III. Social needs
- IV. Esteem needs
- V. Needs for self actualisation

Choose the correct answer from the options given below:

- (A) I and II only
- (B) II and III only
- (C) III and IV only
- (D) IV and V only

16.) Which statutory body of University has the power to accord formal approval to the programmes and courses of studies? (UGC NET 17th Oct 2020 Morning paper)

- (A) Senate
- (B) Syndicate
- (C) Academic council
- (D) Board of studies

17.) Given below are two statements: One is labelled as **Assertion A** and the other is labelled as **Reason R**: (UGC NET 17th Oct 2020 Morning paper)

Assertion A: Random Access Memory (RAM) is volatile and stores data/programs currently in use.

Reason R: RAM is a storage that retains its contents even after the supply of electricity has been turned off.

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

18.) Match List I with List II (UGC NET 17th Oct 2020 Morning paper)

List I (computer terms)

- I. Operating System (OS)
- II. WWW
- III. Device driver
- IV. IP

List II (Description)

- 1. A service that runs on the internet
- 2. Software that helps an OS to control a piece of hardware
- 3. Software that controls peripherals and allocates memory and processor time.

4. Defines network addresses and is used for routing packets.

Choose the correct answer from the options given below:

- (A) I-2, II-4, III-3, IV-1
- (B) I-3, II-1, III-2, IV-4
- (C) I-4, II-1, III-2, IV-3
- (D) I-3, II-4, III-2, IV-1

19.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: In order to be effective, teaching and testing must go together.

Statement II: Feedback does not form an essential component of formative assessment.

In the 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

20.) List I mentions various methods of research while List II offers their description.

Match List I with List II (UGC NET 17th Oct 2020 Morning paper)

List I

- I. Experimental method
- II. Ex-post facto method
- III. Descriptive survey method
- IV. Ethnographic method

List II

- 1. A detailed description of the way people believe and act in a particular society
- 2. Studies designed to obtain information concerning the current status of phenomena
- 3. Studying the effect of manipulating independent variable on dependent variable under appropriate control imposed
- 4. Conducting a probe into casual factors on the basis of evidences manifest now

Choose the correct answer from the options given below:

- (A) I-1, II-2, III-3, IV-4
- (B) I-4, II-3, III-2, IV-1
- (C) I-2, II-1, III-4, IV-3
- (D) I-3, II-4, III-1, IV-2

21.) Which of the following statement is true in respect of computers? (UGC NET 17th Oct 2020 Morning paper)

- (A) Software is loaded into secondary storage from RAM and is then executed by CPU.
- (B) Software is loaded into RAM from secondary storage and is then executed by CPU.
- (C) Software is loaded into RAM from secondary storage and is then executed by motherboard.
- (D) Software is loaded into secondary storage from RAM and is then executed by motherboard.

22.) Ayurveda, which deals with indigenous system of medicine, could be traced to: (UGC NET 17th Oct 2020 Morning paper)

- (A) *Rigveda*
- (B) *Yajurveda*
- (C) *Samveda*
- (D) *Atharveda*

23.) Contamination of aquatic environment by Polychlorinated Biphenyls (PCBs) can originate from (UGC NET 17th Oct 2020 Morning paper)

- I. Sewage effluent
- II. Waste incinerators
- III. Toxic dumps
- IV. Thermal power plants
- V. Transport sector

Choose the correct answer from the options given below:

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

24.) Formulation of long-term emission development strategies by each country was suggested under (UGC NET 17th Oct 2020 Morning paper)

- (A) Paris Agreement
- (B) Montreal Protocol
- (C) International Solar Alliance
- (D) Kyoto Protocol

25.) A shopkeeper sells an item at a discount of 40% on the item's listed price of Rs. 1500.00. He still makes a profit of 20% of the original cost of the item. What is the original cost of the item? (UGC NET 17th Oct 2020 Morning paper)

- (A) Rs. 500
- (B) Rs. 750
- (C) Rs. 600
- (D) Rs. 1080

26.) Which of the following types of institutions come under the ambit of National Board of Accreditation (NBA)? (UGC NET 17th Oct 2020 Morning paper)

- (A) Teacher education institutions
- (B) Technical institutions
- (C) Agriculture institutions
- (D) Medical institutions

27.) Which of the following features best describe an independent variable in research? (UGC NET 17th Oct 2020 Morning paper)

- I. It is the cause in the cause-effect relationship
- II. It is the effect in the cause-effect relationship
- III. It is the condition or characteristic which is manipulated in an experimental study
- IV. It is the variable which is placed under control
- V. It is a kind of response variable

Choose the correct answer from the options given below:

- (A) I and II only
- (B) II and III only
- (C) I and III only
- (D) IV and V only

28.) A clock takes 5 seconds to strike 5 times at 5 O'clock. How long will it take to strike 9 times at 9 O'clock? (UGC NET 17th Oct 2020 Morning paper)

- (A) 9 seconds
- (B) 10 seconds
- (C) 12 seconds
- (D) 8 seconds

29.) When a particular 'statistics' in a research situation is evidently declared to be significant, which of the following decisions will be considered tenable? (UGC NET 17th Oct 2020 Morning paper)

- I. Null hypothesis is rejected.
- II. Alternative hypothesis is accepted.
- III. Null hypothesis is accepted.
- IV. Alternate hypothesis is rejected.
- V. Null hypothesis is along with the alternate hypothesis are accepted.

Choose the correct answer from the options given below:

- (A) II and III only
- (B) III and IV only
- (C) IV and V only
- (D) I and II only

30.) The communication process is active and interactive at a very high level in which of the following level of teaching? (UGC NET 17th Oct 2020 Morning paper)

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

31.) Which of the following sources of energy on combustion produces maximum carbon dioxide per unit of energy output or heat content? (UGC NET 17th Oct 2020 Morning paper)

- (A) Coal (sub-bituminous)
- (B) Natural gas
- (C) Diesel fuel and heating oil
- (D) Gasoline (without ethanol)

32.) Identify the features of Aristotelian syllogism from the following: (UGC NET 17th Oct 2020 Morning paper)

- I. It is deductive-inductive and formal material
- II. It is only deductive and formal
- III. The major and minor terms set apart in the premises
- IV. It is verbalistic
- V. Verbal form is not the essence of inference

Choose the correct answer from the options given below:

- (A) I, II and III only
- (B) I, III and V only
- (C) II, III and IV only
- (D) I, IV and V only

33.) When the middle term is both positively and negatively related to the major term, the inference is called, (UGC NET 17th Oct 2020 Morning paper)

- (A) Based on uniformity of co-existence
- (B) Kevalanavayi
- (C) *Kevalvyatireki*
- (D) *Anavavyatikreki*

34.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: *Upamati* is defined as knowledge of the relation between a word and its denotation.

Statement II: Verbal testimony is the statement of a trustworthy person and coexists in understanding its meaning.

In the 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

35.) In which of the following, the direction of influence is mainly one way: (UGC NET 17th Oct 2020 Morning paper)

- (A) Counselling
- (B) Guiding
- (C) Teaching
- (D) Learning

36.) If the intensity of a given noise increases two-fold, the noise level in decibels (dB) increases by (UGC NET 17th Oct 2020 Morning paper)

- (A) ~2 dB
- (B) ~3 dB
- (C) ~6 dB
- (D) ~10 Db

37.) Which of the following have been identified as key behaviours contributing to effective teaching? (UGC NET 17th Oct 2020 Morning paper)

- I. Lesson clarity
- II. Instructional variety
- III. Using student's ideas and contribution
- IV. Engagement in learning processes
- V. Structuring

Choose the correct answer from the options given below:

- (A) I, II and IV only
- (B) I, II and III only
- (C) II, III and IV only
- (D) III, IV and V only

38.) A person in a car drives along a straight from point A to point B at a speed of 60 km/hour for 15 minutes and then from point B to point C at a speed of 90 km/hour for 10 minutes. The average speed of his travel from point A to C is (UGC NET 17th Oct 2020 Morning paper)

- (A) 75 km/hr
- (B) 72 km/hr
- (C) 68 km/hr
- (D) 78 km/hr

39.) Which of the following are objectives of a performance appraisal system? (UGC NET 17th Oct 2020 Morning paper)

- I. To help an employee in finding out his/her own strengths and weaknesses

- II. To help in creating desirable organizational ideas
- III. To help in identifying people for the purpose of motivating and training them for new roles
- IV. To help in distinguishing the non-performers and performers
- V. To enable learners to understand the weakness in the system

Choose the correct answer from the options given below:

- (A) I, II and III only
- (B) II, III and IV only
- (C) III, IV and V only
- (D) V, IV and I only

40.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: 'SWAYAM' an initiative of the Government of India aims at providing affordable and quality education to the citizens.

Statement II: 'SWAYAM' aims at promoting the education and health of adolescent girls.

In the 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

41.) Consider the following incomplete sentences: (UGC NET 17th Oct 2020 Morning paper)

Wi-Fi is short for Wireless Fidelity and it is a set of _____ for using short range _____ to allow computing _____ to connect to a LAN or to the internet.

Complete the above sentence by choosing the correct words in order from the following list:

- I. Standards
- II. Waves
- III. Devices

Choose the correct answer from the options given below:

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

42.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: Aggressive and inflammatory statements by the teacher make the classroom communication academically effective.

Statement II: Choice of appropriate words lends credence to classroom communication processes.

In the 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

43.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: Emissions of hydrocarbons and carbon monoxide are inherently very low from diesel vehicles.

Statement II: Diesel driven vehicles are inherently more fuel efficient compared to petrol driven vehicles.

In the 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

44.) Given below are two statements: (UGC NET 17th Oct 2020 Morning paper)

Statement I: Chance or accidental errors in research will cause obtained results to depart from the true value as often in one direction or in another.

Statement II: Systematic error causes obtained results in research to vary in a particular direction and is far more likely to catch the researcher by surprise than is chance error.

In the 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

45.) The average of 70 numbers is 32. If each number is increased by 3, then the new average will become (UGC NET 17th Oct 2020 Morning paper)

- (A) 31
- (B) 33
- (C) 35
- (D) 37

Read the passage carefully and answer questions from 46 to 50. (UGC NET 17th Oct 2020 Morning paper)

The true role of our energy is to gain personal power and operate from it at all times. Today, in many situations, people lose their personal power in relationships between boss-subordinate, client-customer, colleague-colleague, teacher-student, husband-wife, parent-child, Friend-Friend, etc. Often in these relationships someone plays the role of the oppressor while the other plays the role of the oppressed. But this is a great weakness in the relationship and it undermines people's capacity to be their authentic selves and accomplish what they want in their lives. We need personal power to hold our self-esteem and go forward to succeed in our pursuits. Human relationships often deteriorate through these power struggles and ultimately both, whether they are playing the role of an oppressor or the oppressed, lose their personal power. Personal power can be seen as the result of interplay between masculine and feminine forms of power. Both these forms of power can co-exist in both men and women. Both feminine and the masculine forms of power need to be honoured and expressed for a beautiful presence and creation in the world. We have to gain a deeper understanding the characteristics of masculine and feminine forms of power.

46.) Relationships of different types of power among people will lead to

- (A) Social diversity
- (B) Hierarchical structure
- (C) Balance of power in society
- (D) Subjugation of the weak and meek

47.) The power relations in a society tend to

- (A) Hurt self-accomplishments by people

- (B) Improve the people's abilities
- (C) Increase self-esteem
- (D) Have more oppressors than the oppressed

- 48.) The passage focuses on the idea of
- (A) Importance of power struggle
 - (B) Different forms and structures of power
 - (C) The need for power division in the society
 - (D) Harnessing personal power in the interest of co-existence

- 49.) Loss of personal power in the society is attributed to
- (A) Rigid human relations
 - (B) Aggressiveness of the oppressors
 - (C) Weakness of the oppressed
 - (D) Power struggle in society

- 50.) Interplay of forms of power is
- (A) The essence of success in our pursuits
 - (B) Distinctly gender-based
 - (C) Nothing but assertion of power
 - (D) Needed for the creation of world