



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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The Following table shows total number of students in the Department of the Institute along with percentage of Females and Male students. Answer the following questions.

| Department | Total No of Students | Percentage of females | Percentage of Males |
|-------------|----------------------|-----------------------|---------------------|
| Computer | 840 | 45 | 55 |
| Civil | 220 | 35 | 65 |
| Mech. | 900 | 23 | 77 |
| Electrical | 360 | 65 | 35 |
| Electronics | 450 | 44 | 56 |
| Mining | 540 | 40 | 60 |

1.) What is the respective ratio of the number of females in Mechanical Department to the number of females in Electronics Department?

- (A) 4:3
- (B) 23:22
- (C) 24:21
- (D) 23:21

2.) What is the total number of students in all the Departments?

- (A) 2210
- (B) 3210
- (C) 3400
- (D) 3310

3.) What is the total number of male students in Computer and Mining Department together?

- (A) 266
- (B) 886
- (C) 786
- (D) 686

4.) What is the ratio of the number of females in Civil and Electrical departments together to the number of males in the same Departments together?

- (A) 311:270
- (B) 329:261
- (C) 411:469
- (D) 311:269

5.) What is the average percentage of female students in the whole Institute?

- (A) 42.0%
- (B) 41.0%

- (C) 43.0%
- (D) 41.5%

6.) Which of the following teacher competency belongs to the domain of personality and attitude?

- (A) Locus of control and self-efficacy
- (B) Managing and Monitoring
- (C) Planning and instructing
- (D) Personalizing and contextualizing

7.) Identify the teaching strategies which are employed during indirect instruction:

- (i) Emphasizing direct and indirect exemplars
- (ii) Presenting the stimulus material
- (iii) Inquiry based question-answer session
- (iv) Presenting, asking and providing feed back
- (v) Promoting problem solving approach

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) (i), (iii) and (v) only

8.) In which level of teaching, the teacher's role is more active rather than being interactive?

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

9.) Match the following.

List-I (Scale of measurement)

- (a) Nominal
- (b) Ordinal
- (c) Interval
- (d) Ratio

List-II (Description of properties)

- (i) Classification and order
- (ii) Classification
- (iii) Classification, order and equal units
- (iv) Classification, order, equal units and Absolute Zero

Codes

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

10.) Given below are two Statements:

Statement I: Indirect instruction is an approach to teaching and learning in which the process is inquiry, the content involves concept and the context is a problem.

Statement II: In NRT test data tell us about a student's level of proficiency in mastery of some skills or set of skills.

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

- (A) Both Statement I and Statement II are true
- (B) Both Statement I and Statement II are false
- (C) Statement I is correct but Statement II is false
- (D) Statement I is incorrect but Statement II is true

11.) In which of the following, there is a greater flexibility in both the methods and process of research?

- (A) Ethnography and phenomenology
- (B) Descriptive survey and impact studies
- (C) Experimental and observation based studies
- (D) Ex-post facto and historical studies

12.) In conducting an empirical study, a researcher employs a non-parametric test for data analysis and finds that the 'statistics' arrived at is 'significant' at .05 level. What decisions will be warranted thereafter?

- (i) Rejecting the Null hypothesis (H₀)
- (ii) Accepting the Null hypothesis (H₀)
- (iii) Accepting the alternate hypothesis (H₁)
- (iv) Keeping the decision in abeyance
- (v) Rejecting the alternate hypothesis (H₁)

Choose the correct answer from the options given below:

Codes

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

13.) Which of the following are non-probability sampling methods?

- (i) Cluster sampling
- (ii) Judgmental sampling
- (iii) Systematic sampling
- (iv) Snowball sampling
- (v) Quota sampling

Choose the correct answer from the options given below:

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

14.) Given below are two Statements, one is labelled as Assertion A and other is labelled as Reason R:

Assertion A: In order to bridge the gap between theory and practice both fundamental and applied research formats have to be promoted.

Reason R: Fundamental research focuses on theory making and applied research is directed at exploring the applicability of theory in varied practical situations.

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

15.) Given below are 2 Statements:

Statement I: Qualitative research is an umbrella term to refer to various research strategies that share certain characteristics. The data collected have been termed 'soft' i.e. rich in description.

Statement II: Quantitative research is mainly hypothetico deductive and employs mostly statistical techniques for data analysis.

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

- (A) Both Statement I and Statement II are true
- (B) Both Statement I and Statement II are false
- (C) Statement I is correct but Statement II is false
- (D) Statement I is incorrect but Statement II is true

16.) Which of the following is considered as an effective form of verbal communication?

- (A) Story-telling
- (B) Sloganeering
- (C) Use of high pitch of voice
- (D) Monologues

17.) Which of the following are useful in positive components of classroom communication?

- (i) Restrictive actions
- (ii) Empathy
- (iii) Punctuality
- (iv) Follow-up
- (v) Scattered reflections

Choose the most appropriate answer from the options given below:

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

18.) Given below are 2 Statements:

Statement I: Interactive and multimedia systems provide for a new culture of teaching and learning.

Statement II: Virtual classrooms convert students into senseless humanoids.

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

- (A) Both Statement I and Statement U are true
- (B) Both Statement I and Statement II are false
- (C) Statement I is correct but Statement II is false
- (D) Statement I is incorrect but Statement II is true

19.) Identifying the sequence of stages of message processing.

- (i) Action
- (ii) Internalization
- (iii) Selection
- (iv) Understanding
- (v) Perception

Choose the correct answer from the options given below:

Codes

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

20.) Match the following.

List-I (Medium)

- (a) Newspaper
- (b) Radio and television
- (c) Social Media
- (d) Multi-media

List-II (Example for Description)

- (i) Networking
- (ii) Audio, Video and Graphics
- (iii) Broadsheet
- (iv) Broadcasting

Codes

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

21.) In a park A, B, C, D, E and F are sitting. C is the brother of D's husband and son of A. F is the daughter of D and sister of E.

- (i) E is the grandson of A
- (ii) F is the daughter of C
- (iii) B is the father of F
- (iv) There are one son and one daughter in the group
- (v) C is the uncle of E

Choose the correct answer from the options given below:

Codes

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

22.) The ratio of ages of 2 persons A and B is 3:4 and that of ages of B and C is 4:5. If the average of all three is 40 years, what is B's age?

- (A) 20 years
- (B) 30 years
- (C) 40 years
- (D) 50 years

23.) If some pens are pencils but no pencil is sharpener, then:

- (i) All pencils are pens
- (ii) Some sharpeners are pencils
- (iii) Some pens are not sharpener
- (iv) Some pencils are not pens

Choose the correct answer from the options given below:

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

24.) In a 100 metres race, A beat B by 10 meter or 2 seconds. What is the speed of A?

- (A) 5 Km/h
- (B) 10 Km/h
- (C) 15 Km/h
- (D) 20 Km/h

25.) Three pipes fill a tank in 4 hours. If two of them take 8 and 12 hours each to fill the tank, how many hours will the third pipe take to fill the tank?

- (A) 6 hours
- (B) 15 hours
- (C) 18 hours
- (D) 24 hours

26.) Which one of the following schools has not accepted anumana (inference) as a valid source of knowledge?

- (A) Advaita Vedanta
- (B) Visistadvaita
- (C) Charvaka
- (D) Sankhya

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

Assertion A: Substance is always the subject of all predicates.

Reason R: Substance is self-existent and self-conceived.

In the light of the above statements, choose the correct 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

28.) Given below are two Statements:

'The water of the pond is muddy. It must have rained last night.'

What kind of Anumana (inference) has been used in the above statements. Choose the correct option from the following:

- (A) S'esavat anumana
- (B) Comparison
- (C) Purvovat anumana
- (D) Both A and B

29.) Match the following.

List-I (Philosophical doctrines)

- (a) Syadavada
- (b) Anupalabdhi
- (c) Apoha
- (d) Abhava

List-II (Philosophical schools)

- (i) Nyaya
- (ii) Buddhism
- (iii) Vedanta
- (iv) Jainism

Codes

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

30.) Which one of the following pramanas has been accepted in Buddhism?

- (A) Arthapatti
- (B) Anupalabdhi
- (C) Sabda
- (D) Pratyaksha

31.) A type of memory that holds the computer startup routine is:

- (A) Cache
- (B) RAM
- (C) DRAM
- (D) ROM

32.) Cloud computing has the following distinct characteristics:

- (i) The service is hosted on the internet.
- (ii) It is made available by a service provider.
- (iii) It computes and predicts rain when the weather is cloudy.
- (iv) The service is totally managed by the provider.

Choose the correct answer from the options given below:

Codes

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

33.) A firewall is a software tool that protects:

- (i) Server
- (ii) Network
- (iii) Fire
- (iv) Individual Computer

Choose the correct answer from the options given below:

Codes

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

34.) The word blog is derived from the word:

- (A) My log
- (B) We blog
- (C) E blog
- (D) Blogger

35.) Match the following.

List-I

- (a) Input
- (b) Output
- (c) Memory
- (d) Software

List-II

- (i) Mouse
- (ii) Monitor
- (iii) Cache
- (iv) Python

Codes

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

36.) Which of the International Agreements/Convention/Protocols are legally binding on to member countries (parties)?

- (i) Convention on Biological Diversity

- (ii) Kyoto Protocol
- (iii) Montreal Protocol
- (iv) Paris Agreement

Choose the most appropriate answer from the options given below:

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

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

Assertion A: Carbon dioxide emissions from bioenergy production have traditionally been excluded from most emission inventories and climate impact studies.

Reason R: Carbon dioxide emissions associated with production of bioenergy are significantly less compared to those from combustion of fossil fuels.

In the light of the above statements, choose the correct 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

38.) Wind energy is very sensitive to the wind velocity because wind power is directly proportional to the:

- (A) wind velocity
- (B) square of the wind velocity
- (C) square root of the wind velocity
- (D) cube of the wind velocity

39.) During physical treatment process of waste water, what is the correct order of following operations to be followed?

- (i) Flocculation
- (ii) Filtration
- (iii) Screening
- (iv) Sedimentation

Choose the correct answer from the options given below:

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

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

Assertion A: Carbon monoxide (CO) is a serious asphyxiate; even a short exposure may have fatal health issues.

Reason R: Hemoglobin present in the blood has greater affinity towards carbon.

In the light of the above statements, choose the correct 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

41.) Match the following.

List-I

- (a) Nirukta
- (b) Chhandas
- (c) Shiksha
- (d) Kalpa

List-II

- (i) Phonetics
- (ii) Ritual
- (iii) Metrics
- (iv) Etymology

Codes

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

42.) Which of the following explain the concept of values?

- (i) Values are beliefs tied inextricably to human emotion and behaviour
- (ii) Values refer to desirable goals people strive to attain
- (iii) Values are conflict-free
- (iv) Values are ordered by importance relative to one another
- (v) Values are utilized primarily to effect change in knowledge of a person

Choose the correct answer from the options given below:

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

43.) Which of the following come under the mandate of the University Grants Commission (UGC)?

- (i) Promotion and coordination of University education.
- (ii) Determining and monitoring standards of teaching, examination and research in Universities.
- (iii) Organizing continuous professional development Programmes for college and University teachers.
- (iv) Framing regulations on minimum standards of education.
- (v) Disbursing and regulating grants to the universities and colleges.

Choose the correct answer from the options given below:

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

44.) Given below are two statements:

Statement I: Equality of educational opportunities is a pre-condition for achieving equity in education.

Statement II: Equity in education can be achieved without equality of educational opportunities.

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

- (A) Both Statement I and Statement II are true
- (B) Both Statement I and Statement II are false
- (C) Statement I is correct but Statement II is false
- (D) Statement I is incorrect but Statement II is true

45.) What are the advantages of Choice Based Credit System (CBCS) introduced by the UGC for higher education institutions?

- (i) Focuses on student-centric education.
- (ii) Allows students to choose inter-disciplinary and intra-disciplinary courses.
- (iii) Makes education at par with global standards.
- (iv) Makes it easy to estimate the performance levels of students in terms of marks.
- (v) Offers flexibility for students to undertake studies at different times and at different institutions.

Choose the correct answer from the options given below:

Codes

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

Read the passage and answer the following questions.

Through their work and the efforts of others, managers in all kinds of organisational settings, whether industrial, educational, governmental, or military are attempting to run their organizations with the management by objectives process as a basic underlying management concept. Management by objectives is basically a process whereby the seniors and the junior managers of an enterprise jointly identify its common goals, define each individual's major areas of responsibility in terms of the results expected... use these measures as guides for operating the unit and assessing the contribution of each of its members. In some cases, this process has been successfully carried beyond the managerial level to include hourly employees. The concept rests on a philosophy of management that emphasizes an integration between external control by managers and self-control by employees. It can apply to any manager or individual no matter what level or function, and to any organisation, regardless of size. The effective functioning of this system is an agreement between a manager and an employee about that employee's groups performance goals during a stated time period. These goals can emphasize either output variables of intervening variables or some combination of both. The important thing is that goals are jointly established and agreed upon in advance. At the end of the time period, performance is reviewed in relation to accepted goals. Both the employee and the manager participate in this review.

46.) In an MBO, organisation is managed through the identification of:

- (A) competing goals
- (B) common objectives
- (C) its specific characteristics
- (D) senior and junior managers

47.) The requisite for management by objectives is centered on:

- (A) the control by seniors
- (B) the guidance of juniors
- (C) the participatory process
- (D) the organizational settings

48.) The critical feature of the concept in this type of management is related to:

- (A) the assignment of responsibility to the workers
- (B) distinguishing the operational role between managers and workers
- (C) promoting of uniformity of work environment among all types of organization
- (D) sharing of responsibility with an eye on results

49.) In this frame of reference, how does an organization function effectively?

- (A) By including the hourly employees in the managerial positions
- (B) By identifying and executing performance targets in a collaborative mode
- (C) By imposing a rigid philosophy of management
- (D) By providing separate work environment for both managers and workers

50.) The philosophy behind management by objectives is to:

- (A) effect improvement through a joint review of achievement of performance goals within a given time-frame
- (B) integrate external and internal controls by managers
- (C) provide managers scope to review the accepted output variables
- (D) agree upon different performance goals for managers and employees