





कच्च्या कामासाठी जागा /SPACE FOR ROUGH WORK

८८४००१



1. Infrastructure Norms for starting of New Polytechnic is prescribed by the following Authority.

- |         |           |
|---------|-----------|
| (1) UGC | (2) AICTE |
| (3) DTE | (4) MHRD  |

2. In case of Diploma Admission, the 5% seats are available as supernumerary seats in nature for admission to such a courses in an institute where a minimum of 30% of sanctioned seats in the respective courses are filled up in respective CAP rounds. These seats are available for the students whose parents income is less than Rs. 6.00 lacs per annum. About this read following statements :

- (a) The scheme is called as "TFWS"
- (b) The scheme is called as "EBC Scheme"
- (c) The total fees are exempted
- (d) The tuition fee is exempted only

Which statements are correct ?

**Answer options :**

- |                 |                 |
|-----------------|-----------------|
| (1) (a) and (c) | (2) (a) and (d) |
| (3) (b) and (c) | (4) (b) and (d) |

3. Which of the following is not essential requirement as per norms of AICTE for Technical Institute ?

- (1) Stand Alone Language Laboratory
- (2) Establishment of Grievance Redressal Committee
- (3) Rain Water Harvesting and Solar Energy Power Systems
- (4) Appointment of Student Counselor

4. In the admission process, the term "CAP" stands for

- (1) Computerized Admission Process
- (2) Centralized Admission Process
- (3) Common Admission Process
- (4) Commercial Admission Procedure

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5. In case of Diploma Admission, The major differences between the CAP implemented in year 2015-16 and 2016-17 are found to be
- The CAP 2016-17 provided opportunities for betterment on allotted options to the candidate
  - The number of choices are lesser in CAP 16-17 than CAP 15-16
  - No scope provided to change the first choice in CAP 15-16 but in CAP 16-17 candidate had a scope to change even first choice in second option form
  - Registration to the admission portal was compulsory for both CAP 2015-16 and 16-17 for admission through CAP or at institute level

How many statements are correct ?

**Answer options :**

- (1) (a) and (b)      (2) (a) and (c)      (3) (b) and (c)      (4) (c) and (d)

6. Which of the following is not the source of funds for polytechnic ?
- Student fees
  - State Government Schemes
  - AICTE Schemes
  - UGC Schemes

7. Which of the following statements are true about Government Financial Accounting System "BEAMS" ?
- It is Budget estimation, allocation and monitoring system
  - It is online computerised system to distribute the budget and to authorize expenditure
  - It provides limited facility to modify cash flow
  - All of the above

**Answer options :**

- (1) (a) and (c)      (2) (a) and (b)      (3) (d) only      (4) (a) only

8. As per the Government Resolution dated 30/10/2015, choose the correct statement out of following :
- The Government Office can purchase the goods whose cost is not more than Rs. 5,000 without any process for purchase.
  - It is Rs. 10,000 instead of above in (a).
  - The total cost of such purchase in the year should not be more than Rs. 1,00,000/-
  - It is Rs. 50,000/- instead of above in (c).

Correct statement options :

**Answer options :**

- (1) (a) and (c)      (2) (a) and (d)      (3) (b) and (c)      (4) (b) and (d)



9. The financial power delegated to Director, Technical Education to approve the proposal for write off of books in the library is limited to

- |                           |                          |
|---------------------------|--------------------------|
| (1) Rs. 10,000/- per year | (2) Rs. 4,000/- per year |
| (3) Rs. 8,000/- per year  | (4) Rs. 5,000/- per year |

10. The term "PLA" of the Government Institute stands for

- |                              |                              |
|------------------------------|------------------------------|
| (1) Personal Ledger Account  | (2) Permanent Ledger Account |
| (3) Principal Ledger Account | (4) Private Local Account    |

11. The objective of Inclusive Education is

- (1) To uncover and minimize barrier to learning
- (2) To change attitudes, behaviours, teaching methods to meet the needs of all children
- (3) To promote constantly the local cultures and contents of various communities of the society
- (4) All the above

12. Read the following educational processes and enabling processes and sort out these processes in to two groups :

- (a) Education processes
- (b) Enabling processes
  - (I) Industry Institute Interaction
  - (II) Human Resource Development
  - (III) Strategic Planning
  - (IV) Curriculum Development
  - (V) Instructional Design
  - (VI) Project Management

**Answer options :**

- (1) (a) – I, II, III, IV, V, VI  
(b) – None
- (2) (a) – None  
(b) – I, II, III, IV, V, VI
- (3) (a) – III, IV, V  
(b) – I, II, VI
- (4) (a) – I, II, III  
(b) – IV, V, VI

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13. Which of the following is not correct in case of Digital Libraries ?

- (1) Preservation of library materials
- (2) Not much cost effective way to preserve
- (3) Easy retrieval of information
- (4) Ever increasing stock of information

14. "Managing tasks effectively" is included in

- (1) Personal competencies
- (2) Interpersonal competencies
- (3) Business management
- (4) Both (1) and (2)

15. As per MSBTE Examination Rules the student has to pass minimum number of subjects out of the total subjects taught in the two semester of a year, to become eligible for next year/semester i.e.

- (1)  $\frac{1}{3}$  of total subjects from odd and even semesters
- (2)  $\frac{1}{2}$  of total subjects from odd and even semesters
- (3)  $\frac{2}{3}$  of total subjects from odd and even semesters
- (4) All subjects out of total subjects of odd and even semesters

16. The teaching faculty in the Government approved self finance, private diploma institute is appointed by the institute's management and approval to the faculty is given by one of the authority out of following. Choose correct option.

- (1) Secretary, Higher and Technical Education Dept.
- (2) Director, Technical Education Maharashtra State
- (3) Joint Director Technical Education, Regional Office (Respective Region)
- (4) Director, Maharashtra State Board of Technical Education

17. As per Maharashtra State training policy, YASHADA Pune is functioning as

- (1) Apex Training Institute
- (2) State Training Planning and Evaluation Agency
- (3) Training Planning and Monitoring Cell
- (4) State Training Task Force



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18. The MOOC is a
- (1) Correspondence course
  - (2) Offline CD based course
  - (3) On-line open access course available on web
  - (4) Limited classroom course
- 
19. How frequently cash should be verified/counted by Principal in the cash box of the institute ?
- (1) Daily
  - (2) Monthly
  - (3) Quarterly
  - (4) At the end of financial year
- 
20. As per MCSR, the head of the office shall have to show the service book to Government servant under his administrative control and obtain their signature at
- (1) Every year
  - (2) Every two years
  - (3) Every three years
  - (4) Every five years
- 
21. As per Financial Rule the principal of Government Polytechnic can purchase an equipment costing up to certain limit only. Choose correct limit.
- (1) Rs. 50,000/-
  - (2) Rs. 1,00,000/-
  - (3) Rs. 2,00,000/-
  - (4) Rs. 3,00,000/-
- 
22. Which of the following condition is not correct for procurement through repeat order in the Government procurement procedure ?
- (1) Repeat order has to be given only once
  - (2) Value of repeat order shall be 50% of original order or Rs. 5 crores, whichever is less
  - (3) Repeat order has to be given within 6 months of original procurement order
  - (4) The repeat order can be given only after delivery of original order is completed
- 
23. Which of the following is not an inventory ?
- (1) Finished products
  - (2) Consumable tools
  - (3) Raw materials
  - (4) Machines
- 
24. As per AICTE Hand book for Approval Process – 2016-17, the land required for establishing polytechnic in Rural Area is
- (1) 1.5 Acres
  - (2) 2.5 Acres
  - (3) 3.0 Acres
  - (4) 4.0 Acres
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25. For writing off Computers and IT related equipments, the written down value is calculated by diminishing \_\_\_\_\_ every year from its original value.

- (1) 60% (2) 50%  
(3) 40% (4) 20%

26. In Technical Education, which of the following centrally sponsored scheme fall under the category of "Sub-mission on polytechnics under the co-ordinated action for Skill Development" ?

- (a) Setting up of new polytechnics in unserved and underserved districts.  
(b) Construction of Women's Hostels in polytechnics.  
(c) Scheme of Community Development through polytechnics.  
(d) Upgradation of polytechnics.

**Answer options :**

- (1) (a) and (b)  
(2) (c) only  
(3) (a), (c) and (d)  
(4) (a), (b), (c) and (d)

27. Read the following recommendations :

"M.E./M.Tech. Programmes should be of 2 years duration, having 3 semester, two of course work in the first year and one of dissertation and viva in second year."

"The project/dissertation work should be joint project with industry."

The above recommendations are given by which Committee ?

- (1) Dr. L. S. Chandrakant Committee (1971)  
(2) C. S. Jha Committee (1978)  
(3) Dr. Y. Nayudamma Committee (1978 – 1980)  
(4) Thacker Committee (1959 – 1961)

28. UGC was constituted mainly for promoting and co-ordination of University Education on the recommendation of

- (1) Sarkar Committee  
(2) S. S. Bhatnagar Committee  
(3) Mudaliar Commission  
(4) Radhakrishnan Commission





29. Which of the following statements are correct about the National Advisory Council (NAC) ?

- (a) The National Advisory Council is a statutory body.
- (b) It is headed by the Prime Minister of India.
- (c) It facilitates constant interaction with the leaders of civil society.
- (d) It provides policy and legislative inputs to the Government of India.

**Answer options :**

- (1) (a), (b) and (c)
- (2) (b), (c) and (d)
- (3) (a), (c) and (d)
- (4) (c) and (d)

30. Read the following objectives :

- (a) Expand the capacity of the polytechnic system.
- (b) Improve the quality of polytechnic programmes.
- (c) Enhance the efficiency of management and operation of polytechnic system.

All these objectives belongs to which project out of followings ?

**Answer options :**

- (1) TEQIP
- (2) RUSA
- (3) Tech. Ed.-II
- (4) CIILP

31. Read the following statement :

“To be a world class organisation leading technological and socioeconomic development of country by enhancing the global competitiveness of technical manpower and ensuring high quality technical education to all sections of society.”

What is above statement ?

- (1) It is a mission statement of AICTE
- (2) It is a vision statement of AICTE
- (3) It is a mission statement of DTE
- (4) It is a vision statement of MSBTE

32. Which of the following committees at Government and Aided Autonomous Polytechnics are headed by Director, MSBTE ?

- (1) Board of Studies and Evaluation Committee
- (2) Board of Studies and Examination Committee
- (3) Examination Committee and Planning Committee
- (4) Examination Committee and Evaluation Committee

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33. The official responsible for the maintenance of academic environment/standards in polytechnic institute is
- |                   |                                     |
|-------------------|-------------------------------------|
| (1) Registrar     | (2) Director of Technical Education |
| (3) Store Officer | (4) Principal                       |

34. Arrange the following steps of strategic planning in sequence as I to VIII :
- Determine thrust areas and identify strategic options.
  - Conducting internal and external scan.
  - Clarify the mandate and mission.
  - Initiate strategic planning process.
  - Develop strategic goals, objectives and measurable standards.
  - Writing and disseminating strategic plan.
  - Sustaining strategic planning and developing vision of success.
  - Implementation of strategic plan.

Choose the correct sequence :

**Answer options :**

	I	II	III	IV	V	VI	VII	VIII
(1)	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
(2)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(a)
(3)	(d)	(c)	(b)	(a)	(e)	(f)	(h)	(g)
(4)	(c)	(b)	(a)	(e)	(f)	(h)	(g)	(d)

35. "Teacher's Union activities and Low Staff morale" is considered as \_\_\_\_\_ in the SWOT analysis of Institution.
- |                 |              |
|-----------------|--------------|
| (1) Weakness    | (2) Threat   |
| (3) Opportunity | (4) Strength |

36. As per provisions in MSBTE Act, 1997, the permanent affiliation can be granted to affiliated Institutes with
- At least six years standing
  - At least nine years standing
  - At least five years standing
  - At least ten years standing



37. Information Brochure for Admission to full time Diploma Technical Courses 2016-17 is published by

- (1) Directorate of Technical Education
- (2) AICTE
- (3) Department of Technical Education
- (4) State CET Cell

38. In a Diploma Institute the sanctioned intake of a course is 60, Actually admitted students are 55 only in first year. In the first year 3 students cancelled their admission and 5 students failed in first year and they are not eligible for II year. About 15 students are from previous batches now became eligible for II year. No transfer from outside institute to the institute and no transfer from the institute to outside institute. The lateral entry for direct II year admission is restricted to 20% of sanctioned intake. Calculate number of seats vacant for direct admission to II year.

- (1) 9
- (2) 12
- (3) 13
- (4) None of the above

39. In the admission process of Diploma Courses, if the candidate fails to accept the allotted seat in Round – I by not reporting at Admission Reporting Center, then such candidates are

- (1) Not eligible for Round – II
- (2) Not eligible for Round II and III
- (3) Not eligible for Round II and/or III, however, eligible for CAP Round IV
- (4) Out of Admission Process i.e. CAP

40. The tuition fee of all unaided Technical institution is determined and approved by

- (1) Admission Regulating Authority
- (2) Fee Regulating Authority
- (3) Finance Department of Government
- (4) AICTE

41. The main objectives of AICTE are

- (1) Promotion of Quality in Technical Education
- (2) Planning and co-ordinated development of Technical Education System
- (3) Providing regulations for maintenance of norms and standards
- (4) All of the above

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42. As per the National Skill Development Policy of Government of India, Government of India has set itself target of developing \_\_\_\_\_, skilled manpower by 2022.

- (1) 50 crore (2) 5 crore  
(3) 50 lacs (4) 30 crore

43. Arrange following organisations in the hierarchical order of its powers in the education system of India. From Top to Bottom as 1, 2, 3, 4.

- (a) MHRD  
(b) NITTTR  
(c) BOAT  
(d) NITIE

**Answer options :**

- |     | (a) | (b) | (c) | (d) |
|-----|-----|-----|-----|-----|
| (1) | 1   | 2   | 3   | 4   |
| (2) | 1   | 2   | 2   | 2   |
| (3) | 1   | 2   | 3   | 3   |
| (4) | 2   | 3   | 4   | 1   |

Choose correct sequence out of above.

44. The MSBTE mainly functions through which of the Committees as per provisions in its Act of 1997 ?

- (1) Academic Committee, Courses Committees, Equivalence Committee  
(2) Finance Committee, Special Committee  
(3) Equivalence Committee, Special Committee  
(4) Academic Committee, Finance Committee, Course Committee, Equivalence Committee, Special Committee

45. An institution Deemed to be University, commonly known as Deemed University, refers to

- (1) A University established or incorporated by a Central Act  
(2) A University established through a State/Central Act by a sponsoring body like Registered Society, trust or public company  
(3) A University established or incorporated by a Provincial Act or by a State Act  
(4) A high-performing institution, which has been so declared by Central Government under Section 3 of UGC Act, 1956

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46. Which of the following leadership concept is said to be not conducive for Governance of Institutions ?

- (1) Autocratic leadership (2) Democratic leadership  
(3) Laissez-Faire leadership (4) Delegative leadership

47. What is the science that studies human society and social behaviour ?

- (1) Sociology (2) Psychology (3) Archaeology (4) Economics

48. Match the following :

**Table X**

- (a) Induction training  
(b) Initiation training  
(c) Refresher training  
(d) Content updating training

**Table Y**

- (I) One day review programme on Technical Education System in India  
(II) Two week training on embedded Technology and SAP  
(III) One week training on innovations in teaching methods  
(IV) Two weeks training programme on basics of Teaching Technology for newly recruited teachers

Choose the correct match :

**Answer options :**

- (1) (a) – (I), (b) – (II), (c) – (III), (d) – (IV)  
(2) (a) – (II), (b) – (III), (c) – (IV), (d) – (I)  
(3) (a) – (III), (b) – (IV), (c) – (I), (d) – (II)  
(4) (a) – (IV), (b) – (I), (c) – (III), (d) – (II)

49. Which is the best combination for continuous improvement of Institution ?

- (1) Autocratic leadership and teams  
(2) Participatory management and teams  
(3) Performing leadership and project teams  
(4) Transformational leadership and teams

50. The Competent Authority to grant additional course in existing Government Polytechnic is

- (1) The Director, Technical Education  
(2) The Director, M.S.B.T.E.  
(3) All India Council for Technical Education  
(4) Ministry of Higher and Technical Education (M.S.)

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51. The statement which defines what an institute is, why the institution exists, its reason for being is
- (1) Vision statement
  - (2) Mission statement
  - (3) Goal of the institute
  - (4) None of the above

52. Following is important characteristic that describe the effectiveness of teacher
- (1) Number of papers published by teacher
  - (2) Number of courses attended by teacher
  - (3) Feedback of students
  - (4) Salary paid to the teacher

53. Consider following statements regarding teaching method :
- (a) Improved lecture method and demonstration are teacher centered method.
  - (b) Role play and project work are student centered method.
  - (c) Demonstration is student centered method as compared to simulation.
  - (d) Case study, self study and seminar are types of teaching method.

Which of the following statements given above are correct ?

**Answer options :**

- |                      |                      |
|----------------------|----------------------|
| (1) (a), (b) and (c) | (2) (a), (b) and (d) |
| (3) (b), (c) and (d) | (4) (a), (c) and (d) |

54. Educational accountability is related to
- |                              |  |
|------------------------------|--|
| (1) Excellent infrastructure | (2) Amount spent per student           |
| (3) Teacher effectiveness    | (4) Competencies of Board of Governors |

55. A practical approach to measure accountability within educational service is
- |                         |                      |
|-------------------------|----------------------|
| (1) Accreditation       | (2) Academic audit   |
| (3) Academic monitoring | (4) All of the above |

56. The oldest broadcasting technology is
- |                              |                |
|------------------------------|----------------|
| (1) Audio video conferencing | (2) Television |
| (3) Radio                    | (4) Akashwani  |

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57. In academic monitoring of polytechnic three marks will be awarded to institute if student to computer ratio is

- (1) 6 : 1 (2) Above 6 : 1 upto 8 : 1  
(3) Better than 6 : 1 (4) None of the above

58. Famous Greek Philosopher Socrates imparted the method of teaching involving

- (1) Question answer method  
(2) Discussion method  
(3) Discovery method  
(4) Role playing method

59. The instructional media are useful when

- (a) The real things are too small in size  
(b) The real things are too big in size  
(c) Too quick and too dangerous to handle  
(d) Too difficult to visualize and too expensive

Which of the above statements are correct ?

**Answer options :**

- (1) (a), (b) and (d)  
(2) (a), (b) and (c)  
(3) (a), (b), (c) and (d)  
(4) (b), (c) and (d)

60. Effective teaching involves

- (1) One way communication  
(2) Two way communication  
(3) Silent listening without raising any questions  
(4) None of the above

61. The tools to access practical skills are

- (1) Check lists  
(2) Rating scales  
(3) Anecdotal records  
(4) All of the above

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62. The main use of Thematic Apperception Test (TAT) is
- (1) To expose the underlying inhibited tendencies of which a person cannot admit in normal situations
  - (2) To gauge imaginative power of the person
  - (3) Measure of positive attributes of the person
  - (4) Check the ideas possessed in correct directions

63. Consider the following statement regarding assessment tool.
- (a) Assessment tool is valid when it measures what it intends to measure.
  - (b) Assessment tool is reliable when it measures what it intends to measure.
  - (c) A tool is reliable when its score is same every time it is measured.
  - (d) Reliability is necessary but not a sufficient condition for validity.

**Answer options :**

- |                      |                           |
|----------------------|---------------------------|
| (1) (a), (c) and (d) | (2) (b), (c) and (d)      |
| (3) (b) and (d)      | (4) (a), (b), (c) and (d) |

64. Attitude of the person
- (1) is measurable quantity
  - (2) is not possible to gauge
  - (3) inferred from verbal and non-verbal behaviour of the person
  - (4) is related to interests demonstrated

65. A set of short answer inter-related questions of a particular topic in which instead of asking a single long answer question, more number of short answer questions are framed from simple to complex are called
- (1) Supply type questions
  - (2) Select type questions
  - (3) Structured questions
  - (4) Both (1) and (2)

66. 'Differentiate' is the verb associated with
- |                |                   |
|----------------|-------------------|
| (1) Evaluation | (2) Application   |
| (3) Analysis   | (4) Comprehension |





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67. NBA has come into existence as an autonomous body with effect from
- (1) 10<sup>th</sup> January 2011                      (2) 7<sup>th</sup> January 2010  
(3) 11<sup>th</sup> January 2012                      (4) 27<sup>th</sup> Feb. 2010
- 
68. Formal teaching load of fifteen hours per week was recommended by
- (1) Rastogi Committee (1994)              (2) Sen Committee (1973)  
(3) Mehrotra Committee (1983)          (4) Kothari Commission (1964)
- 
69. The questions asked at the end of the lesson to revise the lesson, measure the success of lesson and evaluate how much learning has occurred are called as
- (1) Leading questions                      (2) Probing questions  
(3) Recapitulatory questions              (4) Developing questions
- 
70. Education imparted with audio-video aids influencing more than one organ
- (1) Causes disturbance and diverts attention  
(2) Creates confusion  
(3) Divides attention and awareness and student gets lost  
(4) Helps in understanding and remembering any subject matter
- 
71. When using validity in relation assessment, it refers to
- (1) The appropriateness of the interpretation and use made of the results  
(2) Validity of the examiner  
(3) Validity of the examination system  
(4) Validity of the student's candidature
- 
72. Eligibility conditions for Govt. of Maharashtra Scholarship for Minority Communities students pursuing technical education are
- (a) Should be domicile of Maharashtra State only  
(b) Applicant should not avail any other scholarship/stipend  
(c) Total annual income of family/guardian should not be more than 6 lakhs  
(d) Student must be from Muslim, Sikh, Parsi and Jain Community only
- Which of the statements above are correct ?
- Answer options :**
- (1) (a), (b) and (d)                      (2) (a), (b) and (c)  
(3) (b), (c) and (d)                      (4) (a), (c) and (d)
-



73. In case of assessment related to essay type of questions

- (1) Scores are exactly stated
- (2) Scores are different by different teachers
- (3) Scores are dependent on length of answer
- (4) Scores can never be defined

74. Who is the Chairman of State Training Task Force of Govt. of Maharashtra to implement training policy ?

- (1) Additional Chief Secretary/Principal Secretary (Service), General Administration
- (2) Director General, YASHADA
- (3) Additional Chief Secretary/Principal Secretary/Secretary, School Education
- (4) Chief Secretary

75. The autonomous polytechnics are affiliated to

- (1) Affiliation not required
- (2) All India Council for Technical Education
- (3) Directorate of Technical Education, Mumbai
- (4) Maharashtra State Board of Technical Education, Mumbai

76. Program educational objectives, once defined for the program

- (1) Cannot be changed in the future
- (2) Could be changed periodically
- (3) Not required to be changed
- (4) Could be changed by government alone

77. The UGC recommends a 10-point grading system as

- (a) A + – 10 and A – 9
- (b) O – 10 and A – 8
- (c) B + – 7 and B – 5
- (d) C – 5 and P – 4

Which of the statements given above are correct ?

**Answer options :**

- (1) (a) and (b)      (2) (b) and (c)      (3) (b) and (d)      (4) (a) and (c)



78. In academic monitoring grade of polytechnic will be poor if weightage of marks obtained as per MSBTE guideline (2016-17) is

- (1) < 40%
- (2)  $\geq$  40% to 50%
- (3)  $\geq$  45% to 50%
- (4) < 35%

79. Characteristics of course outcomes are

- (a) Must state the major knowledge, skills, attitude that students will acquire
- (b) Should be expressed in terms of non measurable behaviour
- (c) Should begin with an action verb
- (d) Should begin with noun

Which of the statement given above are correct ?

**Answer options :**

- (1) (a) and (b)
- (2) (b) and (c)
- (3) (a) and (c)
- (4) (b) and (d)

80. Courses for certain programs need be devised

- (1) Considering the interests of students
- (2) Considering the interests of employers
- (3) Considering to meet as many as possible program outcomes of the program
- (4) Without any constraints

81. The objective of equity action plan in TEQIP (Technical Education Quality Improvement Programme) is

- (1) Substantial improvement in performance of weak students
- (2) Providing same opportunity to intelligent and weak students
- (3) Providing the best opportunities to intelligent students
- (4) Providing equal financial assistance to brilliant and weak students

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82. Match the following : Pertaining to regulations for Engineering/Technology as per MSBTE.

- |          |   |
|----------|---|
| (a) RE-3 | (I) Rules for ATKT for admission to next higher sem./year |
| (b) RE-4 | (II) Gracing  |
| (c) RE-5 | (III) Improvement of performance                          |
| (d) RE-8 | (IV) Award of class                                       |

Answer options :

- |     | (a) | (b) | (c) | (d) |
|-----|-----|-----|-----|-----|
| (1) | I   | IV  | II  | III |
| (2) | IV  | II  | III | I   |
| (3) | III | II  | IV  | I   |
| (4) | II  | III | I   | IV  |

83. Academic, financial and managerial autonomy with accountability can effectively empower institutions through

- (1) Establishing close liaison with Government
- (2) Establishing board of governors for institutes
- (3) Establishing separate office of regional directorate in College
- (4) Full control of Government on day to day basis

84. Various types of assessment that are applicable to engineering education are

- (1) Formative and summative assessment
- (2) Process assessment
- (3) Product assessment
- (4) All of the above

85. Given the rapid development of technologies, the engineering teacher need to undergo

- (1) Pedagogical training
- (2) Updating domain knowledge
- (3) Fostering positive behaviour of teachers
- (4) Soft skills

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86. Consider the following statements regarding instructional media
- (a) OHP, slide projector, film projector are examples of projected media.
  - (b) Chalk board, magnetic board are examples of non-projected media.
  - (c) Working models, overlay transparencies are examples of criterion media.
  - (d) Animations, videos are examples of mediating media.

Which of the following statements given above are correct ?

**Answer options :**

- (1) (a) and (b)      (2) (a) and (c)      (3) (b) and (c)      (4) (a), (b), (c) and (d)

87. Communication is four dimensional process that include

- (1) Message, telephone, mobile, skype
- (2) Sender, message, media, receiver
- (3) Email, WhatsApp, message, internet
- (4) Mike, speaker, amplifier, DVD

88. Categories of knowledge dimensions are

- (1) Factual and conceptual
- (2) Procedural and meta-cognitive
- (3) Both (1) and (2)
- (4) None of the above

89. Thermal printers are type of

- (1) Impact of printers
- (2) Non-impact printers
- (3) Laser printers
- (4) None of the above

90. In academic monitoring grade of polytechnic will be excellent if weightage of marks obtained as per MSBTE guideline (2016-17) is

- (1) 95% to 100%
- (2) 80% to 85%
- (3)  $\geq 86\%$
- (4)  $\geq 90\%$  to  $\leq 95\%$

91. Dimensions of curriculum revision are

- (a) Individual development
- (b) Social development
- (c) Technology development
- (d) Continued learning

Which of the statements given above are correct ?

**Answer options :**

- (1) (a), (b) and (c)
- (2) (a), (c) and (d)
- (3) (b), (c) and (d)
- (4) (a), (b), (c) and (d)

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92. NBA accreditation is awarded to
- (1) Academic institutions
  - (2) Program of academic institution
  - (3) Program and institution both
  - (4) Institution and registered body of institution
- 
93. As per NBA requirement approach for curriculum design is
- (1) Scientific based education
  - (2) Outcome based education
  - (3) Competency based education
  - (4) None of these
- 
94. Mission statements of the department are what it propose
- (1) To become in future
  - (2) To do at present
  - (3) Ideal statements that are not achievable in reality
  - (4) Past achievements of the department
- 
95. Dimensions of the programme outcomes are
- (1) Knowledge outcomes and skill outcomes
  - (2) Attitudes and values outcomes
  - (3) Behavioral outcomes
  - (4) All of the above
- 
96. To nurture the talent of youth by enlightening them on various aspects of industrial activity required for setting MSMEs, which programme is suitable MSMEs
- (1) Entrepreneurship Development Programmes
  - (2) Industrial Motivation Campaigns
  - (3) Entrepreneurship Skill Development Programmes
  - (4) Management Development Programmes
-

**97. Performance assessments**

- (1) Can be quickly done
- (2) Less time consuming
- (3) Are more time consuming
- (4) Are not authentic assessments

**98. As per Apprenticeship Act, 1961 to undergo apprenticeship training**

- (a) Minimum age limit is 14 years
- (b) There is no upper age limit
- (c) 14-18 years are not eligible to sign contracts being minor

Which of the above statements are correct ?

**Answer options :**

- |                 |                      |
|-----------------|----------------------|
| (1) (a) and (b) | (2) (a) and (c)      |
| (3) (b) and (c) | (4) (a), (b) and (c) |

**99. Performance in relation to other group members is termed as**

- (1) Absolute grading
- (2) Perfect grading
- (3) Relative grading
- (4) Abstract grading

**100. Training and placement officer in a polytechnic is responsible for**

- (a) Training and placement of students in industry/other user system
- (b) To handle alumni affairs
- (c) To arrange EDP camps and to motivate the students for self employment
- (d) To engage classes for teaching as well as for personality development of students

Which of the above statements are correct ?

**Answer options :**

- (1) (a), (b) and (c)
- (2) (a), (c) and (d)
- (3) (b), (c) and (d)
- (4) (a), (b), (c) and (d)

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### सूचना - (पृष्ठ 1 वरून पुढे....)

- (8) प्रश्नपुस्तिकेमध्ये विहित केलेल्या विशिष्ट जागीच कच्चे काम (रफ वर्क) करावे. प्रश्नपुस्तिकेव्यतिरिक्त उत्तरपत्रिकेवर वा इतर कागदावर कच्चे काम केल्यास ते काँपी करण्याच्या उद्देशाने केले आहे, असे मानले जाईल व त्यानुसार उमेदवारावर शासनाने जारी केलेल्या "परीक्षांमध्ये होणाऱ्या गैरप्रकारांना प्रतिबंध करण्याबाबतचे अधिनियम-82" यातील तरतुदीनुसार कारवाई करण्यात येईल व दोषी व्यक्ती कमाल एक वर्षांच्या कारावासाच्या आणि/किंवा रुपये एक हजार रकमेच्या दंडाच्या शिक्षेस पात्र होईल.
- (9) सदर प्रश्नपत्रिकेसाठी आयोगाने विहित केलेली वेळ संपल्यानंतर उमेदवाराला ही प्रश्नपुस्तिका स्वतः बरोबर परीक्षाकक्षाबाहेर घेऊन जाण्यास परवानगी आहे. मात्र परीक्षाकक्षाबाहेर जाण्यापूर्वी उमेदवाराने आपल्या उत्तरपत्रिकेचा भाग - 1 समवेक्षकाकडे न विसरता परत करणे आवश्यक आहे.

### नमुना प्रश्न

Pick out the correct word to fill in the blank :

प्र. क्र. 201. I congratulate you \_\_\_\_\_ your grand success.

- (1) for (2) at  
(3) on (4) about

ह्या प्रश्नाचे योग्य उत्तर "(3) on" असे आहे. त्यामुळे या प्रश्नाचे उत्तर "(3)" होईल. यास्तव खालीलप्रमाणे प्रश्न क्र. 201 समोरील उत्तर-क्रमांक "③" हे वर्तुळ पूर्णपणे छायांकित करून दाखविणे आवश्यक आहे.

प्र. क्र. 201. ① ② ● ④

अशा पद्धतीने प्रस्तुत प्रश्नपुस्तिकेतील प्रत्येक प्रश्नाचा तुमचा उत्तरक्रमांक हा तुम्हाला स्वतंत्ररीत्या पुरविलेल्या उत्तरपत्रिकेवरील त्या त्या प्रश्नक्रमांकासमोरील संबंधित वर्तुळ पूर्णपणे छायांकित करून दाखवावा. ह्याकरिता फक्त काळ्या शाईचे बॉलपेन वापरावे, पेन्सिल वा शाईचे पेन वापरू नये.

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