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First/Second Semester B.E Degree Examination, June/July 2019
Environmental Studies

(COMMON TO ALL BRANCHES)

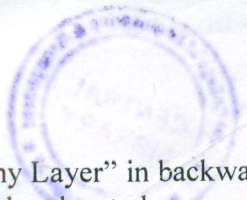
Time: 2 hrs.]

[Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fifty questions, each question carries **ONE mark**.
2. Use only **Black ball point pen** for writing / darkening the circles.
3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.
4. Darkening two circles for the same question makes the answer invalid.
5. **Damaging/overwriting, using whiteners** on the **OMR** sheets are strictly prohibited.

1. The Constituent assembly which had been elected for undivided India held its first meeting in
a) January 1948 b) December 1946 c) November 1945 d) July 1947
2. The following word has been added to the Preamble by 42nd Constitution Amendment Act.
a) Republic b) Fraternity c) Secular d) Sovereign
3. The minimum age to become eligible for the office of the Governor is
a) 50 years b) 45 years c) 35 years d) 60 years
4. The Election Commission of India does not conduct elections to the
a) Parliament b) Speaker of Lok Sabha
c) State Legislatures d) Office of the Vice-President
5. Traffic in human being means
a) Transporting human beings b) Traffic in places having dense population
c) Illegal sale of human organ d) Buying and selling men and women
6. The Constitution of India classifies the fundamental rights under
a) 6 heads b) 8 heads c) 7 heads d) 5 heads
7. The total number of members in the state Legislative Council should not be less than
a) 40 b) 50 c) 60 d) 100
8. To declare National Emergency a decision must be taken by the
a) Prime Minister b) Speaker of Lok Sabha
c) Chief Justice of India d) Union Cabinet



9. "Creamy Layer" in backward classes means,
a) Highly educated persons
b) Persons holding high posts
c) Highly cultured persons
d) Persons having higher incomes
10. Collective responsibility of the Union Cabinet means, all Ministers are collectively responsible to the
a) Prime minister
b) President
c) Lok sabha
d) Parliament
11. The Directive Principles of State Policy are
a) Social Rights
b) Political rights
c) Constitutional Rights
d) Legal Rights
12. This is not a Fundamental Duty
a) To develop scientific temper
b) Not to indulge in corrupt practices
c) To respect National Flag and the National Anthem
d) To abide by the constitution
13. High Court Judges are appointed by the
a) Prime Minister
b) President
c) Chief Justice of India
d) Union Law Minister
14. Writ of Mandamus can be issued on the ground of
a) Unlawful detention
b) Unlawful occupation of public office
c) Non-performance of public duties
d) All of these
15. Under which of the following Articles, the procedure for amending the Indian Constitution is detailed?
a) Article 360
b) Article 356
c) Article 365
d) Article 368
16. It is not the objective enshrined in the Preamble to
a) Secure shelter and livelihood to all
b) Equality of status
c) Liberty of thought and expression
d) social, economic and political justice
17. The Vice-President of India is elected by the
a) Members of Lok sabha
b) Members of Rajya sabha
c) Members of both Lok sabha and Rajya sabha
d) Members of Lok sabha and all state Legislative Assemblies
18. At present, the number of members in Election Commission of India including the Chairman is
a) 3
b) 4
c) 5
d) 6
19. What is the maximum percentage of jobs that can be reserved by a state for other backward classes (OBC) people (other than SC and ST) in the Government jobs?
a) 25%
b) 27%
c) 30%
d) 35%



32. The Directive Principles of State Policy direct the state to improve
- Standard of education
 - Standard of Public Health
 - Judicial system
 - Law and order conditions
33. When the State Emergency is declared, all or any of the functions of the State Government are assumed by the
- President
 - Governor
 - Chief Minister
 - Union Cabinet
34. Elections to Lok sabha and State Legislative Assemblies in India are conducted on the basis of
- Adult franchise
 - single transferable vote
 - Proportional representation
 - Limited suffrage
35. Article 24 of the Indian Constitution prohibits employment of children below the age of _____, years in any factors or mine or any other hazardous employment.
- 12
 - 14
 - 16
 - 18
36. In the first stage, the Proclamation of Financial Emergency remains in operation for
- one month
 - two months
 - three months
 - six months
37. The joint session of the two houses of the Parliament is presided over by the
- President
 - Prime Minister
 - Vice-President
 - Speaker of Lok sabha
38. Chief Election Commissioner and other Election Commissioners are appointed by the
- Chief Justice of India
 - Prime Minister
 - President
 - Union Home Minister
39. The Directive Principles of State Policy incorporated in the Indian Constitution are based on the constitution of
- Russia
 - Ireland
 - Canada
 - Australia
40. National Commissions for scheduled castes and Scheduled Tribes have to submit their annual reports to the
- Vice-President
 - Union Home Minister
 - Speaker of Lok sabha
 - President
41. Engineering Profession is considered to be like a building, its foundation is
- Hard and sincere work
 - Sound common sense and expert knowledge
 - Expert engineering knowledge and skill
 - Honesty
42. Engineering ethics is a
- Preventive ethics
 - Developing ethics
 - Natural ethics
 - Scientifically developed ethics
43. Conflict of interest exists for an engineer when he is subject to
- Threats
 - Loyalties
 - Professional harassments
 - Professional impediments



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44. Protection of the expression of ideas, but not the ideas themselves is called
a) Patent b) Forging c) Copy right d) Plagiarism
45. Fault tree is used
a) To assess the risk
b) In engineering testing
c) To assess the accuracy of the research work
d) To trace the fault in engineering work
46. Using the trade secrets of a former employer amounts to
a) Self deception b) Self dishonesty
c) Plagiarism d) Misusing the truth
47. This is not dishonesty in science and engineering
a) Forging b) Blending c) Trimming d) Cooking
48. As applied to responsibility, attitude of avoiding blame or being safe is the prime concern in
a) Reasonable care b) Minimalist approach
c) Good works views d) All of these
49. These are not trade secrets
a) Principles b) Formulas c) Devices d) Patterns
50. The owner of Patent right retains his patent right for _____ years from the date of filing.
a) 10 b) 15 c) 20 d) 50

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