

MHT-CET QUESTIONS

1. **Total number of individuals of a species of a geographical area is called :**
 - a) Deme
 - b) Population
 - c) Community
 - d) Ecosystem.
2. **In 1991 the population of India was :**
 - a) 680 million
 - b) 840 million
 - c) 1032 million
 - d) 240 million.
3. **Number of births per thousand people in the population is expressed as :**
 - a) Growth rateP
 - b) Conception rate
 - c) Birth rate
 - d) Reproduction rate
4. **Rapid growth of human population is called :**
 - a) Population explosion
 - b) Population crash
 - c) Population dynamics
 - d) All of these.
5. **In 2001, population of India was :**
 - a) 1027 million
 - b) 1270 million
 - c) 1470 million
 - d) 1540 million.
6. **The best solution to population problem in India is to**
 - a) Conserve natural resources
 - b) Increase medical facilities
 - c) Reduce the birth rate
 - d) Increase food production.
7. **Zero population growth rate is achieved when birth rate is :**
 - a) Higher than death rate
 - b) Lower than death rate
 - c) Equal to death rate
 - d) Sometimes higher and sometimes lower than death rate
8. **Growth of population is due to**
 - a) Natality and Emigration
 - b) Natality and immigration
 - c) Mortality and emigration
 - d) Mortality and immigration.
9. **Who was the first scientist to estimate the human population ?**
 - a) Darwin
 - b) Gulliard
 - c) Malthus
 - d) Lamarck.
10. **In which form of growth curve, population undergoes a crash at the end :**
 - a) Straight line growth curve
 - b) J-shaped growth curve
 - c) Sigmoid growth curve
 - d) Parabolic growth curve.
11. **Population size can decrease due to ..**
 - a) Emigration
 - b) Environmental resistance
 - c) Immigration
 - d) Limitation of carrying capacity.
12. **The growth of population is determined by :**
 - a) Biotic potential only
 - b) Environmental resistance only
 - c) Emigration only
 - d) Both A and B.

Ans -

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|----------|----------|----------|
| (1 - b) | (2 - b) | (3 - c) |
| (4 - a) | (5 - a) | (6 - c) |
| (7 - c) | (8 - b) | (9 - c) |
| (10 - b) | (11 - a) | (12 - d) |

- 13. Maximum feeding capacity of environment is called :**
- Biotic potential
 - Environmental resistance
 - Carrying capacity
 - Population density.
- 14. Zero population growth means :**
- No new births
 - No emigration
 - Gain and loss are equal
 - No immigration.
- 15. MTP means :**
- Many transferable pregnancies
 - Medically temporary pregnancy
 - Medical termination of pregnancy
 - Multiple temporary pregnancy.
- 16. Most serious hallucinogen is :**
- Opium
 - Cocaine
 - Marijuana
 - LSD.
- 17. The present population growth rate of India is :**
- 1%
 - 1.5%
 - 2.5%
 - 1.8% .
- 18. Plateau phase is the another name of :**
- Stationary phase
 - Positive acceleration phase
 - Negative acceleration phase
 - Exponential phase.
- 19. L.S.D. is a :**
- Narcotic
 - Stimulant
 - Antidepressant
 - Hallucinogen.
- 20. First census took place in India during:**
- 1851
 - 1891
 - 1921
 - 1951.
- 21. Oral contraceptives are the different combination of :**
- Estrogen and testosterone
 - Estrogen and progesterone
 - Progesterone and testosterone
 - Estrogen and LH.
- 22. Caffeine, amphetamines and cocaine are:**
- Sedatives
 - Transquillisers
 - Hallucinogens
 - Stimulants.
- 23. Study of human population is :**
- Demography
 - Chronology
 - Population science
 - Census.
- 24. Surgical removal or cutting and ligation of the ends of oviduct is known as :**
- Testectomy
 - Vasectomy
 - Oviductomy
 - Tubectomy.
- 25. Which part of the brain is most affected by alcohol ?**
- Cerebrum
 - Cerebellum
 - Medulla oblongata
 - Pons varolii.
- 26. Ratio of females to males in India is :**
- 880 : 1000
 - 830 : 1000
 - 930 : 1000
 - 980 : 1000.

Ans -

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|----------|----------|----------|
| (13 - c) | (14 - c) | (15 - c) |
| (16 - d) | (17 - d) | (18 - a) |
| (19 - d) | (20 - b) | (21 - b) |
| (22 - d) | (23 - a) | (24 - d) |
| (25 - b) | (26 - c) | |

27. **Surgical removal or tests is known as:**
 a) Testectomy b) Castration
 c) Gonadectomy d) Vasectomy.
28. **Smoking addiction is harmful because it produces polycyclic aromatic hydrocarbons which cause :**
 a) Reduction in O₂ transport
 b) Retardation of growth of foetus
 c) Increase in blood sugar level
 d) Cancer.
29. **Indian state having highest population density is :**
 a) Kerala b) M.P.
 c) Maharashtra d) Punjab.
30. **Legally acceptable term of abortion is:**
 a) MTP b) MTTP
 c) MMTP d) PMT
31. **Sedatives and tranquillisers are also called :**
 a) Stimulants b) Depressants
 c) Hallucinogens d) Pain-killers.
32. **Psychosis is characterised by :**
 a) Loss of touch with reality
 b) Prolonged emotional reaction to a given stress
 c) Anxiety, fear, sadness, vague aches and pains
 d) All the above.
33. **The mechanical measure of population control includes :**
 a) Condom only b) IUD only
 c) Diaphragm only d) All the above.
34. **Amniocentesis is :**
 a) Degestion of amino acids
 b) Killing of child before birth
 c) Taking out of cells of the foetus
 d) Conversion of glucose to amino acids.
35. **Neurosis is characterised by :**
 a) Madness
 b) Prolonged emotional reaction to a stress
 c) Pain in the head
 d) Fits of convulsions.
36. **The primary cause behind rapidly growing population of the world in recent times is :**
 a) Improvement in the standard of living
 b) Decrease in death rate
 c) Increase in birth rate
 d) Heating of earth.
37. **LSD is got form :**
 a) Fungus b) Lichen
 c) Alga d) Bacterium.
38. **In epilepsy the patient undergoes :**
 a) Periods of sadness and happiness, fear and valour
 b) Fits of convulsions
 c) Become unconcious
 d) Both B and C.
39. **Human population growth curve of today is :**
 a) Of J shape
 b) Of S shape changed from J shape
 c) Of S shape
 d) Of parabolic shape

Ans -

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|----------|----------|----------|
| (27 - b) | (28 - d) | (29 - a) |
| (30 - a) | (31 - b) | (32 - a) |
| (33 - d) | (34 - c) | (35 - b) |
| (36 - b) | (37 - a) | (38 - d) |
| (39 - a) | | |

40. **Psychotropic drugs include :**
 a) Sedatives, tranquillisers and stimulants
 b) Narcotics and hallucinogens
 c) Both A and B
 d) Vodka.
41. **What percentage of the world population lives in India ?**
 a) 14.8 % b) 21.2 %
 c) 16.2 % d) 21.4 %
42. **Which drug is called superman drug ?**
 a) Amphetamine b) Heroin
 c) Cocaine d) LSD.
43. **Psychotropic drugs are also called :**
 a) Narcotics
 b) Mood altering drugs
 c) Hallucinogens
 d) All the above.
44. **According to the population of world, India is placed at :**
 a) First b) Third
 c) Second d) Fourth
45. **Study of population trends is :**
 a) Kalography b) Psychobiology
 c) Biography d) Demography.
46. **Which one depresses brain activity ?**
 a) Sedatives and tranquillisers
 b) Opiate narcotics
 c) Both A and B
 d) Hallucinogens.
47. **Inward flow of population is called :**
 a) Immigration b) Mortality
 c) Emigration d) Natality.
48. **Insomnia is :**
 a) Loss of appetite
 b) Loss of blood
 c) Loss of sleep
 d) Loss of memory
49. **Which one alters thoughts and perceptions without any sensory stimulus ?**
 a) Sedatives and tranquillisers.
 b) Cocaine
 c) Opiate narcotics
 d) Hallucinogens.
50. **The branch which deals with quantity of human population is :**
 a) Population dynamics
 b) Population growth
 c) Geography
 d) Demography
51. **To which category of population, India belongs :**
 a) Low birth rate and low mortality rate
 b) Low birth rate and high mortality rate
 c) High birth rate and low mortality rate
 d) High birth rate and high mortality rate
52. **Sedatives differ from tranquillisers in:**
 a) Sedatives induce sleep while tranquillisers do not do so
 b) Sedatives depress brain activity while tranquillisers activate brain functioning
 c) Sedatives are strong tranquillisers.
 d) Sedatives cause addiction while tranquillisers do not produce such and effect.

Ans -

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|----------|----------|----------|
| (40 - a) | (41 - c) | (42 - a) |
| (43 - b) | (44 - c) | (45 - d) |
| (46 - c) | (47 - a) | (48 - c) |
| (49 - d) | (50 - b) | (51 - c) |
| (52 - a) | | |

- 53. The developing country having highest death rate is :**
 a) India b) Bangladesh
 c) Pakistan d) Nepal.
- 54. The permanent decrease in population number occurs due to :**
 a) Migration b) Natality
 c) Emigration d) Mortality.
- 55. The drugs which relieve intense pain are:**
 a) Sedatives b) Opiates
 c) Stimulants d) Hallucinogens.
- 56. When death rate exceeds birth rate, it is :**
 a) Positive growth
 b) Negative growth
 c) Zero population growth
 d) Some times positive growth some times negative growth
- 57. Transquilliser is drug used for :**
 a) Inducing sleep
 b) Relieving pain
 c) Giving soothing effect
 d) Giving stimulating effect.
- 58. Charas or hashish is obtained from :**
 a) Leaves of Cannabis
 b) Resinous secretion of flowering tops of female Cannabis
 c) Dried leaves of female Cannabis
 d) Resinous secretion from bark of male Cannabis.
- 59. The changing nature of population is called :**
 a) Population explosion
 b) Population growth
 c) Production potential
 d) Population dynamics
- 60. What is function of copper -T ?**
 a) Stops cleavage
 b) Stops fertilization
 c) Checks mutation
 d) Stops gastrulation.
- 61. Caffeine, amphetamine and cocaine are**
 a) Sedatives b) Tranquillisers
 c) Hallucinogens d) Stimulants.
- 62. Use of contraceptives, vesectomy, tubectomy are.... measures to avoid pregnancy**
 a) Clinical b) Educational
 c) Social d) Psychological.
- 63. Narcotic drugs like charas, bhang and ganja are extracted from :**
 a) Hemp plant b) Coco plant
 c) Poppy seeds d) Ergot fungus.
- 64. The use of condom during sex can prevents the transmission of :**
 a) Cancer b) Leprocy
 c) AIDS d) Hepatitis.
- 65. Which one of the following is associated with smoking ?**
 a) Bronchitis b) Lung cancer
 c) Emphysema d) All of these.
- 66. Fatty liver syndrome is due to :**
 a) Infection by a virus
 b) Intake of excessive fat
 c) Intake of excessive alcohol
 d) Intake of tabacco through chewing.

Ans -

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|----------|----------|----------|
| (53 - b) | (54 - d) | (55 - b) |
| (56 - b) | (57 - c) | (58 - b) |
| (59 - d) | (60 - b) | (61 - d) |
| (62 - a) | (63 - a) | (64 - c) |
| (65 - d) | (66 - c) | |

67. **The impact of human population is directly related is :**

- a) Standard of living and education
- b) Food supply and housing
- c) Health and medical care
- d) All the above.

68. **Test tube baby means a baby born when:**

- a) It is developed in a test tube
- b) It develops from an unfertilized egg
- c) It is developed through tissue culture method
- d) Ovum is fertilized externally and later implanted in the uterus.

69. **Alcohol produces :**

- a) Cirrhosis of liver
- b) Cancer of pancreas
- c) Drug dependence
- d) Gall bladder stones.

70. **The third population explosion occurs:**

- a) 20000 years ago
- b) In 1800 AD
- c) 6000 years ago
- d) 2000 years ago.

71. **Which one of the following is equivalent to madness :**

- a) Neurosis b) Psychosis
- c) Epilepsy d) All of these.

72. **Tunnel vision is due to :**

- a) Lack of vitamin A
- b) Alcohol
- c) Smoking
- d) Barbiturates.

73. **The present average growth rate of human population is**

- a) 1 % b) 2 %
- c) 3 % d) 3.5 %.

74. **LSD is obtained from :**

- a) Cannabis sativus
- b) Erythroxyton coca
- c) Claviceps purpurea
- d) Papaver somniferum

75. **Hangover is :**

- a) Increased desire to take alcohol
- b) Feeling of giddiness and nausea in the morning after having taken alcohol
- c) Development of gastritis and peptic ulcers due to alcohol addiction
- d) Feeling of flushing after taking alcohol.

76. **The measure of maximum rate of reproduction under optimum condition is known as :**

- a) Carrying capacity
- b) Population growth
- c) Biotic potential
- d) Population reproduction.

77. **The liver damage by alcohol is due to :**

- a) Fat dposition in liver
- b) Overload of detoxification
- c) Cancerous growth in liver
- d) Higher level of sugar consumption.

Ans -

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|----------|----------|----------|
| (67 - d) | (68 - d) | (69 - a) |
| (70 - b) | (71 - b) | (72 - b) |
| (73 - b) | (74 - c) | (75 - b) |
| (76 - c) | (77 - a) | |

- 78. Alcohol Anonymous is organisation of :**
- Exalcoholics for helping in deaddiction
 - Alcoholics to plead for alcohol consumption
 - Alcohol producers
 - Teetotallers for opposing drinking habit.
- 79. Carrying capacity denoted by :**
- KC
 - C
 - M
 - K.
- 80. The phase of the population growth when the natality is equal to mortality is called as :**
- Lag phase
 - Log phase
 - Plateau
 - Experimental phase.
- 81. Alcohol addiction leads to :**
- Gastritis
 - Liver cirrhosis
 - Cardio Vascular diseases
 - All the above.
- 82. Net growth of population is due to :**
- Natality and immigration**
 - Natality and emigration
 - Mortality and emigration
 - Mortality and immigration.
- 83. Which of the following is a mechanical barrier used in birth control ?**
- Loop
 - Copper-T
 - Diaphragm
 - Dalcon shield.
- 84. Tobacco smoke contains :**
- Carbon monoxide and polycyclic aromatic compounds
 - Nicotine, carbon monoxide and tar
 - Nicotine, carbon monoxide, polycyclic aromatic compounds and tar
 - Nicotine, polycyclic aromatic compounds and tar.
- 85. Population growth is :**
- Death rate - birth rate
 - Birth rate - death rate
 - Birth rate - death rate x 1000
 - Birth rate - immigration.
- 86. In a population, the condition at which the rate of addition of new members is more than the rate of individuals lost indicated :**
- Zero population growth
 - Exponential growth
 - Fluctuating growth
 - Declining growth
- 87. Snuff is :**
- Powdered Datura
 - Powdered tobacco
 - Powdered turmeric
 - Mixture of all the above.
- 88. Normally the doubling time of world population is :**
- 25 years
 - 35 years
 - 20 years
 - 45 years
- 89. Zero growth means :**
- Natality is zero
 - Natality balances mortality
 - Natality is less than mortality
 - Natality is more than mortality.
- 90. Smoking women have**
- High risk of abortions
 - Reduced foetal growth
 - Functional teratogenicity in their children
 - All the above.

Ans -

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|----------|----------|----------|
| (78 - a) | (79 - d) | (80 - c) |
| (81 - d) | (82 - a) | (83 - c) |
| (84 - c) | (85 - b) | (86 - b) |
| (87 - b) | (88 - b) | (89 - b) |
| (90 - c) | | |

91. In any growing population of country the most contribution is of :
- Pre-reproductive age group
 - Reproductive age group
 - Post-reproductive age group
 - All the above.
92. Oral contraceptives are prescribed in females to check :
- Ovulation
 - Fertilization
 - Implantation
 - Entry of sperms in vagina.
93. Carcinogen contained in tobacco is :
- Caffeine
 - Nicotine
 - Benzopyrene
 - Nitrogen oxide.
94. Which country have negative population growth curve ?
- Japan
 - Germany
 - Sweden
 - USA.
95. LSD (Lysergic acid diethylamide) is prepared from :
- Ergot fungus
 - Roots of Rauwolfia
 - Bark of Cinchona
 - Leaves of Atropa.
96. Number of births per 1000 is :
- Growth rate
 - Conception rate
 - Reproduction rate
 - Crude birth rate.
97. Which is related to males ?
- Oral pills
 - Tubectomy
 - Vasectomy
 - IUDs.
98. A person showing unpredictable moods, outbursts of emotions, quarrelsome behaviour, and conflicts with others is suffering from :
- Schizophrenia
 - Borderline personality disorders
 - Mood disorders
 - Addictive disorders.
99. World population day is :
- 5th June
 - 11th July
 - 4th October
 - 21st March.
100. The growth of animal curve other than man is :
- J shaped
 - S shaped
 - J shaped with tail
 - S shaped with tail.
101. In the recent time the human population grows exponentially due to :
- Agriculture revolution
 - Industrial revolution
 - Advancement in medical facilities
 - All the above.
102. Population growth curve in most animals, except humans is :
- S-shaped
 - J-shaped
 - J-shaped with tail
 - S-shaped with tail.

Ans -

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|-----------|-----------|-----------|
| (91 - b) | (92 - a) | (93 - c) |
| (94 - b) | (95 - a) | (96 - d) |
| (97 - c) | (98 - b) | (99 - b) |
| (100 - b) | (101 - d) | (102 - a) |

- 103. According to National population polity, the marriageable age for girls has been raised in India from 15 years to :**
 a) 17 b) 18
 c) 19 d) 20.
- 104. Use of Cannabis products results in :**
 a) Alteration in preception, thoughts and feelings
 b) Depressed brain function and relief in pain
 c) Suppressed brain function and relief in pain
 d) Stimulation of nervous system, in creased alertness and activity.
- 105. Tubal ligation means :**
 a) Cut in fallopian tubes
 b) Cut in Vasa defferentia
 c) Tying of fallopian tubes
 d) Both A and B.
- 106. Which one is a hallucinogen ?**
 a) LSD b) Heroin
 c) Cocaine d) Morphine.
- 107. The adolescence period for girls is.....**
 a) 8 to 18 years b) 18 to 20 years
 c) 5 to 10 years d) 25 to 30 years.
- 108. Excessive consumption of ethanol causes damage to :**
 a) Lungs b) Liver
 c) Heart d) Brain.
- 109. Convulsions, muscle cramps, vomiting and epilepsy are the withdrawl symptoms of :**
 a) AIDS
 b) Cancer
 c) Alcoholism
 d) Hooping cough.
- 110. In the liver alcohol is converted into :**
 a) Acetaldehyde b) Acetic acid
 c) Acetone d) Acetylcholine.
- 111. Hypoglycemia is one of the ill effect of alcohol means :**
 a) Decrease in blood sugar level
 b) Increase in blood sugar level
 c) Sleeplessness
 d) Loss of appetite.
- 112. Alcohol is a..... type of drug**
 a) Depressant b) Stimulant
 c) Hallucinogen d) All the above.
- 113. Neurosis is characterised by :**
 a) Prolonged emotional reaction to a stress
 b) Fits of convulsions
 c) Madness
 d) Unconsciousness.
- 114. Psychosis is characterised by :**
 a) Anxiety, fear, sadness
 b) Loss of touch with reality
 c) Headache
 d) Loss of appetite.
- 115. Alcohol after taking in excess causes :**
 a) Intoxication b) Irritation
 c) Stimulation d) Diarrhoea.
- 116. Alcohol consumption results in :**
 a) Constipation b) Anuria
 c) Diuresis d) Appetite.
- 117. Delirium tremens is associated with :**
 a) Cocaine b) Alcoholism
 c) Hallucination d) Smoking.

Ans -

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|-----------|-----------|-----------|
| (103 - b) | (104 - a) | (105 - c) |
| (106 - a) | (107 - a) | (108 - b) |
| (109 - c) | (110 - a) | (111 - a) |
| (112 - a) | (113 - a) | (114 - b) |
| (115 - a) | (116 - c) | (117 - b) |

- 118. Korsakoff's syndrome is related to :**
 a) Smoking b) Alcoholism
 c) Hallucination d) All the above.
- 119. Arteries of an alcoholic person becomes**
 a) Rigid b) Dialated
 c) Brittle d) All the above.
- 120. Chronic cough and bronchitis are associated with :**
 a) Typhoid b) Nicotine
 c) Drugs d) Smoking.
- 121. Tobacco smoking leads to cancer of :**
 a) Mouth and lung b) Breart
 c) Cervical d) Blood.
- 122. Bhang and hashish are :**
 a) Sedatives
 b) Hallucinogens
 c) Stimulating
 d) Tranquillizers.
- 123. Which component of tobacco smoke is carcinogenic ?**
 a) Carbon monoxide
 b) Tar
 c) Polycyclic aromatic hydrocarbons
 d) Nicotine.
- 124. Emphysema is caused by :**
 a) Alcohol b) Heroin
 c) Amphetamine d) Smoking.
- 125. Use of tobacco is originated in :**
 a) China d) India
 c) America d) Canada.
- 126. Tobacco smoke contains :**
 a) Nicotine, CO, polycyclic aromatic compounds and tar.
 b) CO, monoxide and polycyclic aromatic compounds
 c) Nicotine, polycyclic aromatic compounds and tar
 d) Nicotine, Co, tar, polycyclic aromatic compounds.
- 127. Intoxicant caffeine is found in :**
 a) Coca b) Coffee
 c) Tea d) All the above.
- 128. Opium, morphine, heroin, pethidine, and methadone are collectively called as :**
 a) Stimulants
 b) Hallucinogens
 c) Transquillizers
 d) Opiate narcotics
- 129. Which is most dangerous narcotics ?**
 a) Morphine b) Heroin
 c) Opium d) Codeine.
- 130. The most highly addictive drug is :**
 a) LSD b) Heroin
 c) Coffiene d) Morphine.
- 132. Mortality is lower than natality and number of immigration is more than emigration, growth curve of population will show :**
 a) Plateau phase
 b) Declining phase
 c) Lag phase
 d) Exponential phase.
- 133. The first Indian family planning MTP Act was enacted in :**
 a) 1928 b) 1985
 c) 1968 d) 1971.

Ans -

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|-----------|-----------|-----------|
| (118 - b) | (119 - d) | (120 - d) |
| (121 - a) | (122 - b) | (123 - c) |
| (124 - d) | (125 - c) | (126 - d) |
| (127 - d) | (128 - d) | (129 - d) |
| (130 - b) | (131 - d) | (132 - d) |
| (133 - d) | | |

134. Acne is developed due to clogged pores of skin due to the influx of..... hormone

- a) Estrogen b) Androgen
c) TSH d) Progesterone.

135. Alcohol Anonymous is organisation of:

- a) Alcohol addict
b) Exalcoholics for helping in deaddiction
c) Alcohol
d) Non addict for alcohol.

136. Vinblastin is used against treatment of

- a) Blood cancer b) Leporsy
c) Malaria d) AIDS.

137. Antisleep pills are made by.....

- a) Amphetamine b) Barbiturates
c) Opium narcotics d) Ganja.

138. Which one depresses brain activity and produces feeling of calmness, relaxation and drowsiness ?

- a) Cocaine
b) Bhang
c) Morphine
d) Valium (diazepam).

139. Use of.....causes chromosomal destruction .

- a) Nicotine b) LSD
c) Alcohol d) Amphetamine.

140. Initial stage of drug addiction is :

- a) Dependence b) Sleep
c) Habituation d) Tolerance.

141. Amnesia is :

- a) Loss of appetite
b) Loss of blood
c) Loss of memory
d) Sleeping sickness.

Ans -

- (134 - b) (135 - b) (136 - a)
(137 - a) (138 - d) (139 - b)
(140 - c) (141 - c)