

IU GAT FOR ADMISSION TO ALL MASTER PROGRAMMES

Direction: from question 1-5, give a suitable SYNONYM of the following words.

1. Sycophant
 - a) Flatterer
 - b) Admirer
 - c) Suppliant
 - d) Follower

2. Vindicate
 - a) Argue
 - b) Explain
 - c) Judge
 - d) Justify

3. Besieged
 - a) Troubled
 - b) Destroyed
 - c) Encircled
 - d) Skirted

4. Germane
 - a) Obstinate
 - b) Smart
 - c) Cruel
 - d) Relevant

5. Catalogue
 - a) List
 - b) Pamphlet
 - c) Menu
 - d) Intelligent

Direction: from question 6-10, give a suitable ANTONYM of the following words.

6. Advance
 - a) Withhold
 - b) Defend

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- c) Retreat
 - d) Restrain
7. Alien
- a) Domiciled
 - b) Native
 - c) Resident
 - d) Natural
8. Boisterous
- a) Good
 - b) Happy
 - c) Calm
 - d) Comfortable
9. Establish
- a) Corrode
 - b) Negate
 - c) Disrupt
 - d) Uproot
10. Defiance
- a) Obedience
 - b) Anxiety
 - c) Dismay
 - d) Suspicion

Direction: from question 11-15, select the correct word which best fit with the statement.

11. Modern architecture has discarded the _____ trimming on buildings and emphasizes simplicity of life.
- a) Gaudy
 - b) Gaunt
 - c) Flabbergasting
 - d) Flamboyant
 - e) Flagrant

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12. In the Twentieth Century, physicists have made their greatest discoveries about the characteristics of _____ objects like the atom and its parts.
- a) Infinitesimal
 - b) Infinite
 - c) Microscopic
 - d) Kaleidoscopic
13. His moral decadence was marked by his _____ from the ways of integrity and honesty.
- a) Declivity
 - b) Obsession
 - c) Opprobrium
 - d) Departure
14. Even when Wasim's reputation was in _____ willing to admit that he was a genius. a) Peregrination
- b) Accumulation
 - c) Eclipse
 - d) Rebuttal
15. Patriotism, like so many other objects of this imperfect world, is a _____ web of good and evil
- a) Complicated
 - b) Intricated
 - c) Entrapped
 - d) Entangled
 - e) Tangled

Direction: from question 16-20, select the appropriate ANALOGY of the following words.

16. Flock: sheep: herd:
- a) People
 - b) Fish
 - c) Cattle

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- d) Pigs
17. Young: old: morning:
a) Late
b) Night
c) Early
d) Time
18. Doctor: hospital: receptionist:
a) School
b) Hotel
c) Office
d) House
19. Here: there: she
a) I
b) Her
c) There
d) He
20. Robin: bird: bee:
a) Insect
b) Animal
c) Fly
d) Hive

Direction: Question 21-25 are based on the paragraph given below

Recent advances in science and technology have made it possible for genetics to find out abnormalities in the unborn fetus and take remedial action to rectify some defects which would otherwise prove to be fatal to the child. Though genetic engineering is still at its infancy, scientists can now predict with greater accuracy a genetic disorder. It is not yet an exact science since we are not in a position to predict when exactly a genetic disorder will set in. While they have not yet being able to change the genetic order of the gene in germs, they are optimistic and are holding out that in the near future they might be successful in achieving this feat. They may, however, acquire the ability in manipulating tissue cells. However, genetic misinformation can sometimes be damaging for it may adversely affect people psychologically. Genetic information may lead to tendency to brand some people as inferiors. Genetic information can therefore be abused and its application in deciding the sex of the fetus and its subsequent abortion is now hotly debated on

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ethical lines. But on the issue geneticists cannot squarely be blamed though this charge has often been leveled at them. It is mainly a societal PROBLEM. At present genetic engineering are costly process of detecting disorders but scientists hope to reduce the cost when technology become advance. This is why much process in this area are been possible in scientifically advanced and rich countries like USA, UK and Japan. It remains to be seen if in the future this signs will lead to the development of a raise of superman or will be able to obliterate from this world.

21. Which of the following is same in meaning as the phrase 'holding out' as used in the passage?
- a) Catching
 - b) Expounding
 - c) Sustaining
 - d) Restraining
22. According to the passage the question of abortion is
- a) Ignored
 - b) Hotly debated
 - c) Unanswered
 - d) Left to the scientist to decide
23. Which of the following is true regarding the reason for progress in genetic engineering?
- a) It has become popular to abort female fetuses.
 - b) Human beings are extremely interested in heredity.
 - c) Economically sound and scientifically advanced countries can provide the infrastructure for such research.
 - d) Poor countries desperately need genetic information.
24. Which of the following is the same in meaning as the word 'obliterate' as used in the passage?
- a) Wipe off
 - b) Eradicate
 - c) Give birth to
 - d) Wipe out

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- e) Very literate
25. Which of the following is the opposite in meaning to the word 'charged' as used in the passage?
- a) Calm
 - b) Disturbed
 - c) Discharged
 - d) Settled
26. A rectangle is 16 cm long and 10cm wide. If the length is reduced by k cm and its width is increased also by k cm so as to make it a square then its area changes by:
- a) 169
 - b) 256
 - c) 100
 - d) 9
 - e) None of the above
27. If the radius of a circle is increased by 20% then the area is increased by:
- a) 44%
 - b) 120%
 - c) 144%
 - d) 40%
 - e) None of above
28. A rectangle lot 50 feet by 100 feet is surrounded on all sides by a concrete walk 5 feet wide. Find the number of square feet in the surface of the walk
- a) 1600
 - b) 5250
 - c) 5500
 - d) 6100
 - e) None of above
29. One –sixth of a day is what part of the time between 3 pm, Monday and 3 p.m Thursday of the same week?
- a) $1/10$
 - b) $1/18$
 - c) $1/15$
 - d) $1/12$

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- e) $1/19$
30. Which of the following is the sum of two consecutive prime numbers?
- a) 66
 - b) 52
 - c) 41
 - d) 29
 - e) 13
31. If Myra had bowling scores of $b+6$, $b-2$, $b+4$ and $b-5$, what must she score in the next game to get an overall average of $b+2$?
- a) $b+7$
 - b) $b-3$
 - c) $b+3$
 - d) $b-7$
 - e) $b+1$
32. QPO NML KJI ... EDC
- a) HGF
 - b) GHF
 - c) JKL
 - d) FGH
 - e) DEF
33. JAK KBL LCM MDN
- a) OEP
 - b) MEN
 - c) NEO
 - d) OEN
 - e) QEP
34. BCB DED FGF HIH
- a) IJK
 - b) JIJ
 - c) JHJ
 - d) IJI
 - e) IJK

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35. What is the next number in the series

14,49,916,1625,.....

- a) 2025
- b) 2026
- c) 2536
- d) 2890
- e) 2996

36. When Mr. X was asked how old he was, he said, "I will be Y years old in year Y^2 , guess how old I am". Which year Mr. X was born in?

- a) 1936
- b) 1980
- c) 1986
- d) 1995
- e) 2025