20U/117/21(Set-1)

No. of Questions : 150

प्रश्नों की संख्या : 150

Time : 2 Hours] *[Full Marks : 450*
समय : 2 घण्टे] *[पूर्णांक : 450*

Note : (i) Attempt as many questions as you can. Each question carries **3 (three)** marks. ***One mark will be deducted for each incorrect answer.*** **Zero** mark will be awarded for each unattempted question.

अधिकाधिक प्रश्नों को हल करने का प्रयत्न करें। प्रत्येक **प्रश्न 3 (तीन)** अंक का है। ***प्रत्येक गलत उत्तर के लिए एक अंक काटा जायेगा।*** प्रत्येक अनुत्तरित प्रश्न का प्राप्तांक **शून्य** होगा।

(ii) Questions on Mental Ability, Mathematical Aptitude and Graphic Table are in English and Hindi both.

मानसिक क्षमता, गणितीय क्षमता एवं ग्राफ सारिणी आधारित प्रश्न हिन्दी और अंग्रेजी दोनों में है।

(iii) If more than one alternative answers seem to be approximate to the correct answer, choose the closest one.

यदि एकाधिक वैकल्पिक उत्तर सही उत्तर के निकट प्रतीत हों, तो निकटतम सही उत्तर दें।

1. The time at Cairo is 2 hours ahead of Greenwich. Hence Cairo is located at :

(1) 30 degree East longitude (2) 30 degree West longitude

(3) 25 degree East longitude (4) 25 degree West longitude

2. Which of the following desert is rich in gold reserve ?

(1) Atacama (2) Mongolian (3) Arabian (4) Thar

3. Which of the following is the wettest place in India ?

(1) Mawsynram (2) Cherapunji

(3) Tiruanantpuram (4) Bhubaneshwar

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

4. Koderma in Jharkhand is a leading producer of :
(1) Mica
(2) Bauxite
(3) Iron
(4) Copper

5. *"El Nino"* effect is associated with :
(1) Equatorial Counter Current
(2) Canaries Current
(3) Gulf Current
(4) Humboldt Current

6. Who was defeated by Sher Shah in the battle of Chausa ?
(1) Babur
(2) Akbar
(3) Shahjahan
(4) Humayun

7. Tripitakas are the sacred texts of :
(1) Jainism
(2) Hinduism
(3) Parsi religion
(4) Buddhism

8. Which newspaper was edited by Bal Gangadhar Tilak ?
(1) The Bombay Chronicle
(2) Lokrajya
(3) Maratha
(4) Bengal Gazette

9. Megasthenese was the ambassador of :
(1) Selcucus
(2) Alexander
(3) Darius
(4) Kanishka

10. Which dynasty issued bilingual and bi-script coins in India for the first time ?
(1) Indo Greeks
(2) Kushana
(3) Shaka
(4) Parthian

11. "Operation Vanilla" started by the Indian Navy aiming at providing relief to cyclone affected area in :
(1) Madagascar
(2) Bangladesh
(3) Indonesia
(4) Nairobi

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

12. Which of the following is a first non English movie received best picture Oscar award in February 2020 ?

(1) Parasite

(2) Once upon a time in Hollywood

(3) Joker

(4) Ford V. Ferrari

13. According to Central Pollution Control Board, the city which is mostly polluted due to dumping and burning of waste is :

(1) Delhi (2) Varanasi

(3) Chennai (4) Mumbai

14. The first T-20 hat-trick was taken by :

(1) Brett Lee, Australia

(2) Naseem Shah, Pakistan

(3) Deepak Chahar, India

(4) Lasith Malinga, Sri Lanka

15. Who has been appointed as the Deputy Governor of the Reserve Bank of India ?

(1) Michel Devbrata Patra (2) Shashi Kant Das

(3) Achyutanand Mukherjee (4) A. P. Maheshwari

16. Who among the following has been appointed as Foreign Secretary of India ?

(1) Harshvardhan Shringla (2) Vivek Katju

(3) Vijay Keshav Gokhale (4) Sujatha Singh

17. Book "R. N. Kao: Gentleman Spymaster" is written by :

(1) Nitin Anant Gokhale (2) Suketu Mehta

(3) Rajinder Prabhakar (4) Bidisha Banerjee

18. CAR T Cell therapy is used to cure :

(1) Blood Cancer (2) AIDS

(3) Tuberculosis (4) Malaria

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

19. Which of the following substance is added in soap to make it antiseptic ?
(1) Bithionol
(2) Potassium Permanganate
(3) Nitrous Oxide
(4) Formaldehyde

20. The most abundant source of iron is :
(1) Green Vegetables
(2) Milk Products
(3) Bean
(4) Eggs

21. Boric Acid added to talcum powder serves the purpose of :
(1) An antiseptic
(2) Sweat absorber
(3) Cooling Agent
(4) To fill up enlarged pores

22. "Manhattan Project" was initiated :
(1) to produce First Atomic Bomb
(2) to develop antibiotic during II World War
(3) to develop contraceptives
(4) to develop pesticide

23. The proposed name for common currency of eight West African States is :
(1) ECO
(2) COIN
(3) NAT
(4) ROAR

24. The President of European Council is :
(1) Charles Michel
(2) David Sassoli
(3) Donald Tusk
(4) Herman Von Rompuy

25. Global Potato Conclave, 2020 was held at :
(1) Gujarat
(2) Bihar
(3) Haryana
(4) Punjab

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

26. The British Parliament passed the Indian Independence Act in :

(1) January, 1947
(2) June, 1947
(3) July, 1947
(4) August, 1947

27. According to Article 156 of the Constitution of India what should be the minimum age of a person to hold the Governership of States ?

(1) 35 years
(2) 45 years
(3) 50 years
(4) 55 years

28. Who was the first Indian to be elected to the British Parliament ?

(1) Gopal Krishna Gokhale
(2) Dadabhai Naoroji
(3) Pt. Madan Mohan Malviya
(4) Bipin Chandra Pal

29. "Do or Die" call was given by Gandhiji during :

(1) Quit India Movement
(2) Civil Disobedience Movement
(3) Non-cooperation Movement
(4) Khilafat Movement

30. Which one of the following is regarded as the father of Indian Nationalism ?

(1) Gopal Krishna Gokhale
(2) Bal Gangadhar Tilak
(3) Surendranath Banerjee
(4) Lala Lajpat Rai

31. "Currency War" refers to :

(1) Devaluing respective currencies
(2) Amassing dollars
(3) Accumulation of gold
(4) Allowing free convertibility of respective currencies

32. The rank of India in Global Democracy Index (GDI), 2019 is :

(1) 51st
(2) 45th
(3) 61st
(4) 65th

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

33. The Government of which State has appointed a nine year old girl named Valentina Elangbam as Green Ambassador ?

(1) Manipur
(2) Mizoram
(3) Nagaland
(4) Meghalaya

34. The name of Woman IPS officer who scaled highest peak of Mount Denali in North America in June, 2019 is :

(1) Aparna Kumar
(2) Merin Joseph
(3) Meera Borwankar
(4) Kanchan Chaudhary Bhattacharya

35. Which of the following book was launched on the occasion of completion of two years of Sri Venkaiah Naidu as the Vice President of India ?

(1) Listening, Learning and Leading
(2) Changing India
(3) Education is Empowerment : A Book of Quotations on Education
(4) From a Party Worker to Vice President of India

36. On January 22, 2020 in which country Mahatma Gandhi Convention Centre was inaugurated by the Foreign Minister of India Mr. S. Jaishankar ?

(1) Nigeria (2) South Africa (3) Sudan (4) China

37. Jaya is the name of high yielding variety of :

(1) Paddy (2) Wheat (3) Cotton (4) Bajra

38. Cellulose is a :

(1) Polysaccharide (2) Polypeptide (3) Polyester (4) Lactose

39. The first human statue worshipped in India was of :

(1) Buddha (2) Shiva (3) Brahma (4) Vishnu

40. The main leaders of Swarajist Party were :

(1) Motilal Nehru and C. R. Das
(2) B. R. Ambedkar and P. C. Joshi
(3) M. N. Roy and Muzaffar Ahmed
(4) Sardar Vallabhbhai Patel and Shyama Prasad Mukherjee

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

41. **Assertion (A) :** The importance of custom diminishes with the growth of legal system.
Reason (R) : Custom is to society what law is to the state.

Select your answer using the codes given below :
(1) Both A and R are true and R is the correct explanation of A.
(2) Both A and R are true but R is not the correct explanation of A.
(3) A is true but R is false.
(4) A is false but R is true.

42. **Assertion (A) :** Judges must follow authoritative precedents.
Reason (R) : Authoritative precedents derive their authority from basic postulate of the legal system itself.

Select your answer using the codes given below :
(1) Both A and R are true and R is the correct explanation of A.
(2) Both A and R are true and R is not the correct explanation of A.
(3) A is true but R is false.
(4) A is false but R is true.

43. **Assertion (A) :** A corporate body is a distinct legal personality.
Reason (R) : Because it is capable of suing and being sued.

Select your answer using the codes given below :
(1) Both A and R are true and R is the correct explanation of A.
(2) Both A and R are true but R is not the correct explanation of A.
(3) A is true but R is false.
(4) A is false but R is true.

44. **Legal Principle :** A contract is an agreement enforceable by law. All agreements are contracts if they are made with free consent by parties competent to contract for a lawful consideration and with a lawful object.
Factual Situation : Sumit, a 40-year old businessman of sound mind, agrees to sell his bungalow worth 40 lakhs for 1 lakh. The agreement is :
(I) Invalid due to inadequate consideration.
(II) Valid as there is lawful consideration.
(III) Valid as Sumit entered into it with free consent.
(IV) Valid because Sumit has capacity to contract.
(1) I only (2) II and III only (3) III only (4) II, III and IV

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

45. **Legal Principle :** Constitution of India guarantees fundamental right of equality to all persons.
Factual Situation : A, an accused is put on trial for certain offence for which a special court has been designated.

(1) Trial by Special Court is violations the right to equality under constitution

(2) Trial by Special Court is not violations of right to equality.

(3) Trial by the Special Court is not violations of the right to equality because a class of persons may be tried by Special Court.

(4) Trial by the Special Court is not violations of the right to equality because a reasonable class of persons may be tried by Special Court.

46. **Legal Principal :** Only Parliament or State Legislatures have the authority to enact laws on their own. No law made by the Legislatures can take away a person's Fundamental Right.
Factual Situation : Parliament enacted the Citizenship (Amendment) Act, 2019 which according to a group of lawyers, is violating the Fundamental Rights of citizens. A group of lawyers file a writ petition challenging the constitutional validity of the statute seeking relief to quash the statute and further direct the Parliament to enact a new law.

(1) No Writ would lie against Parliament, as the Court has no authority to direct Parliament to enact or re-enact a law.

(2) The court can quash existing law if it violates Fundamental Rights and can direct Parliament to make a new law.

(3) The Court can quash the existing law if it violates Fundamental Rights but cannot direct Parliament to make a new law.

(4) The Court can not direct the Parliament to enact a law.

47. **Principle :** Nothing is an offence which is done in the exercise of the right of private defence.
Facts : 'Shyam', under the influence of madness, attempts to kill 'Shobit', 'Shobit' to save his life kills 'Shyam'.

(1) 'Shobit' has committed an offence

(2) 'Shyam' has not committed an offence because he was mad

(3) 'Shobit' has not committed any offence

(4) 'Shyam' has committed the offence of attempt to murder

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

48. **Legal Principle :** It is settled that ignorance of law is no excuse but ignorance of fact may be excused.
John, a foreign national was carrying child pornographic material with him and was apprehended when he reached India. It is an offence to posses child pornographic material in India. John did not know this law.
Can John be prosecuted in India ?

(1) John cannot be prosecuted because he had actually no knowledge about the Indian law.

(2) John cannot be prosecuted because ignorance of fact is excusable.

(3) John can be prosecuted because ignorance of law is not excusable.

(4) It is always in the discretion of court to decide in case involving foreigners.

49. Which of the following committees has recommended measures for banning and controlling ragging in educational establishments in India ?

(1) The Raghavan Committee

(2) Jasraj Committee

(3) Narsimhan Committee

(4) Soli Sorabjee Committee

50. A Judge of the Supreme Court of India or High Court of any State can be removed by the President of India only :

(1) When the Principles of Natural Justice are followed and the alleged misconduct is proved in an impartial enquiry.

(2) If he is satisfied through the report made by the Chief Justice of India that the misconduct of the judge has been proved.

(3) When an address is made by both the Houses of Parliament in the same session asking for his/her removal on the grounds of proven misbehaviour and incapacity.

(4) When the President and the Prime Minister are satisfied that he or she has committed a misconduct and the same has been proved before a competent authority.

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

51. **Legal Principle :** A person shall not be guilty of contempt of court on the ground that he has published any matter which interferes with or obstructs or tends to obstruct the course of justice in connection with any civil or criminal proceeding pending at the time of the publication, if at that time he had no reasonable grounds for believing that the proceeding was pending.
Factual Situation : Rudra delivered a lecture at the local Rotary Club in favour of an accused who is prosecuted for assaulting a police officer. He said that the accused is a victim of prevailing corruption in the judiciary and he knows that the accused is going to be punished by the court for being honest. Is Rudra guilty of contempt of court ?

(1) No, not guilty of contempt of court.

(2) Yes, guilty of contempt of court.

(3) Yes, Rudra has dishonored judiciary.

(4) No, Rudra is an honest man.

52. In India, cyber terrorism is an offence punishable under :

(1) Information Technology Act, 2000 (2) POTA

(3) TADA (4) Indian Penal Code

53. Which among the following was described by Dr. B. R. Ambedkar as the "heart and soul of the Constitution of India" ?

(1) Freedom of Religion

(2) Right to constitutional Remedies

(3) Right to equality

(4) Right to move throughout the territory of India

54. The object of which one of the following writs is to prevent a person to hold public office which he is not legally entitled to hold ?

(1) Mandamus (2) Quo warranto (3) Certiorari (4) Prohibition

55. Former Chief Justice of India Ranjan Gogoi was nominated to Rajya Sabha by the President of India on March 16, 2020, to fill the vacancy created after the retirement of senior advocate :

(1) Rajeev Dhavan (2) Meenakshi Arora

(3) Sushil Kumar (4) K. T. S. Tulsi

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

56. A has applied to the telephone department to get a telephone connection. After undue delay, telephone was installed but it was not made operational immediately. A great deal of time passed before it was made operational. The applicant sues the department. Which of the following represents the true picture of the problem :

(1) Normal functioning of the department

(2) Deficiency of service by the department

(3) Failure of the applicant to pursue the case

(4) Negligence of the government

57. *Ad litem* means :

(1) Guardian appointed by the court to represent interest of a child

(2) Guardian

(3) Legal representative

(4) To throw light on an object

58. *Post-diem* means :

(1) After the day

(2) Preceding day

(3) Date to be determined

(4) Uncertain date

59. *Nemo debet bi vexari* means :

(1) No man ought to be twice vexed

(2) No one should be vexed unheard

(3) No one should give false testimony

(4) No one should be vexed malafide

60. *Post-lidem motem* means :

(1) After the beginning of litigation

(2) Concurrence of litigation

(3) Pre-litigation

(4) Plea bargain

61. *Virtue officii* means :

(1) by virtue of office

(2) Vacant office

(3) Virtual office

(4) Demitting office

P.T.O.

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

62. *Vigilantibus non dormientibus jura subveniunt* means :
(1) Laws help to those who are watchful not to those who sleep
(2) Laws help those who help others
(3) Law makes vigilent
(4) Law incorporates equity

63. *Actio personalis moritur cum persona* means :
(1) Cause of action comes to an end with the death
(2) Action is personal not general
(3) Rights of a person are general and specific both
(4) Action of a person after death

64. *Nemo est heres viventis* means :
(1) A living person has no heir
(2) A living person has an heir
(3) Killer cannot be heir of the killed
(4) Divorce woman can not be an heir of her ex-husband

65. Schedule IX of the Constitution of India deals with :
(1) Union and its territories
(2) Law protected from Judicial Review of the Court
(3) Form of Oaths
(4) Official languages

66. "Amnesty International" is a :
(1) U. N. Agency to fight terrorism
(2) Refugee camp in Croatia
(3) Wing of World Bank
(4) Human Rights Group

67. "Salwa Judum" practiced is certain places in India refers to :
(1) witchcraft
(2) arming civilians to fight mlitants
(3) training civilians in the use of fire arms
(4) training civilians to be home guards

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

68. Which is the only State is India to have the Common Civil Code ?

(1) Uttar Pradesh
(2) Manipur
(3) National Capital Region of Delhi
(4) Goa

69. Justice K. S. Puttaswamy V. Union of India (2017) decided by Supreme Court of India is related to :

(1) Right to life and liberty
(2) Right to religious freedom
(3) Right to privacy
(4) Right to equal pay for equal work

70. Who gave a dissenting opinion in the famous Sabrimala Temple judgement delivered by Supreme Court relating to entry of women of certain age group ?

(1) Justice Deepak Misra
(2) Justice Khanwilkar
(3) Justice R. F. Nariman
(4) Justice Indu Malhotra

71. According to Austin, the law originates from the :

(1) command (2) sovereign (3) volksgeist (4) all of the three

72. A incites a dog to spring upon Z without Z's consent. A commits the offence of :

(1) using criminal force
(2) criminal assault
(3) criminal intimidation
(4) mischief

73. Which of the following is ***not*** an essential ingredient of criminal breach of trust ?

(1) Misappropriation
(2) Entrustment
(3) Negligence
(4) Disposal of property

74. Who was the Chairperson of the 21st Law Commission of India ?

(1) Justice Altmas Kabir
(2) Justice B. S. Chauhan
(3) Justice A. R. Lakshmanan
(4) Justice D. K. Jain

75. The maximum duration of the zero hour in Lok Sabha can be :

(1) One hour
(2) Unspecified
(3) 30 minutes
(4) Two hours

P.T.O.

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

76. In a meeting, A was presiding and B was participating as a member. In the course of debate A became angry and ordered that B need to be thrown out of meeting. B, in fit of anger moved towards A saying I will throw you out of the chair but was stopped by A's security guards. B's act amounts :

(1) Indecent
(2) Assault
(3) Threat
(4) Fun

77. 'A' finds a purse lying on the road. He picks it up and keeps it with himself. After some times he uses the money kept in the purse for his own purpose. Which of the following course A should have adopted :

(1) He should not picked up the purse.
(2) He should have deposited the same with a reputed person.
(3) He should have taken step to find out the owner.
(4) He should have kept mum.

78. While doing exercise 'A' met with an accident and fractured his leg. He was taken to a doctor. The doctor while treating him applied so much of force without using anaestheasia along with his three attendants to fix his leg and apply plaster. With this treatment patient went into coma and died. What action can be taken against the doctor ?

(1) doctor did reasonable thing
(2) doctor ought have used anaesthesia
(3) doctor failed to observe standard medical procedure and hence negligent
(4) patient failed to co-operate

79. 'A' and 'B' were married to each other. But for the last seven years they were living separately. They have not obtained divorce from the court. 'A' again enters into marriage relationship with 'C'. Which of the following represents the marriage between 'A' and 'C' ?

(1) valid
(2) void
(3) irregular
(4) voidable

80. Who of the following is the legal advisor to the Government of India ?

(1) Soliciter General
(2) Attorney General
(3) Advocate General
(4) Chief Justice of India

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

81. If orange is called butter, butter is called soap, soap is called ink, ink is called honey and honey is called orange, which of the following is used for washing clothes ?
यदि संतरे को मक्खन, मक्खन को साबुन, साबुन को स्याही, स्याही को शहद तथा शहद को संतरा कहा जाता है, तो निम्न में से किसका उपयोग कपड़े धोने के लिए किया जाता है ?

(1) Honey
शहद

(2) Butter
मक्खन

(3) Ink
स्याही

(4) Orange
संतरा

82. egg : fish : : ..... : plant.
अंडा : मछली : : ..... : पौधा।

(1) leaf
पत्ती

(2) seed
बीज

(3) root
जड़

(4) stem
तना

83. 'A' is twice as good workman as 'B', and together they complete a work in 15 days. In how many days can the work be complete by 'B' alone ?
'A', 'B' के मुकाबले दो गुना अच्छा कार्य करता है और दोनों को साथ में एक काम करने में 15 दिन लगते हैं। 'B' अकेले वही काम कितने दिनों में करेगा ?

(1) 22 (2) 45 (3) 59 (4) 61

84. Find the odd one out :
विषम को चुनें :

(1) Whale : mammal
व्हेल : स्तनधारी

(2) Salamander : insect
सैलामैंडर : कीड़ा

(3) Snake : reptile
साँप : सरीसृप

(4) Frog : amphibian
मेंढक : उभयचर

collegedunia
India's largest Student Review Platform

Scanned with CamScanner

85. If A + B means A is the mother of B, A – B means A is the brother of B, A %B means A is the father of B and A × B means A is the sister of B, which of the following shows that P is the maternal uncle of Q ?
अगर A + B का मतलब 'A, B की माँ है', A – B का मतलब 'A, B का भाई है', A% B का मतलब 'A, B का पिता है', और A × B का मतलब 'A, B की बहन है', इनमें से क्या दर्शाता है कि 'P', 'Q' का मामा है ?

(1) Q – N + M × P
(2) P – M + N × Q
(3) Q – S%P
(4) P + S × N – Q

86. DDW : ECV : : FBU : ?
(1) AAG (2) GAW (3) VAG (4) GAT

87. If S is the brother of N, the sister of N is M, the brother of P is J and the daughter of S is P, then who is the uncle of J ?
यदि S, N का भाई है, M, N की बहन है, J, P का भाई है और P, S की बेटी है, तो J का अंकल कौन है ?

(1) J
(2) S
(3) N
(4) M

88. A can do a work in 15 days and B in 20 days. If they work on it together for 4 days, then the fraction of the work that is left, is :
A एक काम को 15 दिनों में और B, 20 दिनों में कर सकते हैं। यदि वह साथ में 4 दिन काम करते हैं, तो बचे हुए काम का अंश कितना होगा ?

(1) $\frac{1}{2}$ (2) 5/8 (3) 2/3 (4) 8/15

89. Pointing to a lady a person said, "The son of her only brother is the brother of my wife." How is the lady related to the person ?
एक व्यक्ति ने एक महिला की तरफ इशारा करके बोला "उसके इकलौते भाई का बेटा मेरी पत्नी का भाई है"। उस व्यक्ति का महिला से क्या संबंध है ?

(1) Maternal aunt
मौसी
(2) Grandmother
दादी
(3) Sister of father in law
ससुर की बहन
(4) Mother in law
सास

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

90. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs ?
क्रिकेट के पहले 10 ओवरों में रन रेट 3.2 का था। 282 रनों के लक्ष्य तक पहुँचने के लिए शेष 40 ओवरों में क्या रन रेट होना चाहिए ?

(1) 6.25 (2) 6.45

(3) 8.50 (4) 5.86

91. Find odd number in 8, 27, 64, 100, 125, 216, 343.
विषम को ढूँढें 8, 27, 64, 100, 125, 216, 343.

(1) 64 (2) 100

(3) 216 (4) 343

92. Class A has a higher enrollment than Class B.
कक्षा A का नामांकन कक्षा B से अधिक है।

Class C has a lower enrollment than Class B.
कक्षा C का नामांकन कक्षा B से कम है।

Class A has a lower enrollment than Class C.
कक्षा A का नामांकन कक्षा C से कम है।

If the first two statements are true, the third statement is :
यदि पहले दो कथन सत्य हैं, तो तीसरा कथन होगा :

(1) True
सही है

(2) False
असत्य है

(3) Uncertain
कह नहीं सकते

(4) None of the three
तीनों में से कोई नहीं

93. The greatest number of four digits which is divisible by 15, 25, 40 and 75 is :
चार अंकों की सबसे बड़ी संख्या जो 15, 25, 40 और 75 से विभाज्य है :

(1) 9600 (2) 6424 (3) 9000 (4) 6824

P.T.O.

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

94. An error 2% in excess is made while measuring the side of a square. The percentage of error in the calculated area of the square is :
एक वर्ग की भुजा को मापते समय एक त्रुटि 2% अधिक हो जाती है। वर्ग के गणना किये गये क्षेत्रफल में त्रुटि का प्रतिशत है :

(1) 3.5% (2) 4.04% (3) 2.02% (4) 1.58%

95. Value of $\frac{(3.39)^2-(2.61)^2}{3.39-2.61}$ is :
$\frac{(3.39)^2-(2.61)^2}{3.39-2.61}$ का मान है :

(1) 12 (2) 3 (3) 6 (4) 1

Graphic-Table based
ग्राफ-आधारित सारणी

Study the following table and answer the Question No. **96-100** based on it :
निम्नलिखित सारणी का अध्ययन कर इस पर आधारित प्रश्न सं० **96-100** तक का उत्तर दीजिए :

Expenditures of a Company (in Lakh Rupees) per Annum over the given Years.
कम्पनी के खर्चे (रु० लाख में) प्रति वर्ष, दिये गये वर्षों में।

Year वर्ष	Item of Expenditure खर्च के मद				
	Salary वेतन	Fuel and Transport ईंधन और परिवहन	Bonus लाभांश	Interest on Loans ऋण पर ब्याज	Taxes कर
1998	288	98	3.00	23.4	83
1999	342	112	2.52	32.5	108
2000	324	101	3.84	41.6	74
2001	336	133	3.68	36.4	88
2002	420	142	3.96	49.4	98

96. What is the average amount of interest per year which the company had to pay during this period ?
प्रति वर्ष ब्याज की औसत राशि कितनी है, जिसे कम्पनी को इस अवधि में देना पड़ा ?

(1) ₹ 36.66 Lakhs
₹ 36.66 लाख

(2) ₹ 32.56 Lakhs
₹ 32.56 लाख

(3) ₹ 25.25 Lakhs
₹ 25.25 लाख

(4) ₹ 41.26 Lakhs
₹ 41.26 लाख

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

97. The total amount of bonus paid by the company during the given period is approximately what percent of the total amount of salary paid during this period ?
दी गयी अवधि के दौरान कम्पनी द्वारा चुकायी गयी लाभांश की कुल राशि, इस अवधि के दौरान चुकायी गयी वेतन की कुल राशि का लगभग कितना प्रतिशत है ?

(1) 0.1%
(2) 2%
(3) 1%
(4) 0.52%

98. Total expenditure (approx.) on all these items in 1998 was approximately what percent of the total expenditure in 2002 ?
इन सभी मदों पर वर्ष 1998 में कुल खर्च (लगभग) वर्ष 2002 में कुल खर्च का लगभग कितना प्रतिशत था ?

(1) 61%
(2) 63%
(3) 69%
(4) 71%

99. The total expenditure of the company over these items during the year 2000 is ?
वर्ष 2000 के दौरान इन मदों पर कम्पनी का कुल खर्च है :

(1) ₹ 540.35 Lakhs
₹ 540.35 लाख
(2) ₹ 544.44 Lakhs
₹ 544.44 लाख
(3) ₹ 621.58 Lakhs
₹ 621.58 लाख
(4) ₹ 478.78 Lakhs
₹ 478.78 लाख

100. The ratio between the total expenditure on Taxes for all the years and the total expenditure on Fuel and Transport for all the years respectively is approximately :
सभी वर्षों के लिए करों पर कुल व्यय और सभी वर्षों के लिए ईंधन और परिवहन पर कुल व्यय के बीच का क्रमशः अनुपात लगभग है :

(1) 4 : 7
(2) 10 : 11
(3) 10 : 13
(4) 3 : 5

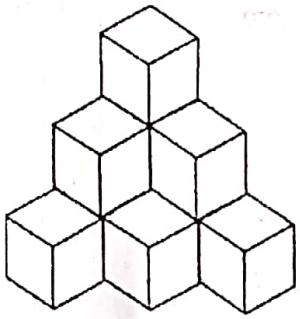
101. Find the next number in the given sequence :
दी गयी शृंखला में अगली संख्या क्या होगी ?
53, 53, 40, 40, 27, 27, ?

(1) 25
(2) 13
(3) 14
(4) 11

P.T.O.

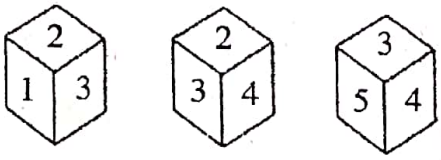
collegedunia
India's largest Student Review Platform
Scanned with CamScanner

102. How many cubes are there in the following figure ?
निम्न चित्र में कुल कितने घन हैं ?



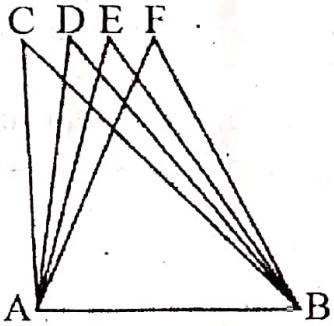
(1) 10 (2) 13 (3) 11 (4) 9

103. The number which is opposite to side 3 is :
निम्न में से कौन-सी संख्या 3 के विपरीत है ?



(1) 5 (2) 4 (3) 1 (4) 6

104. In the following figure, find the shortest route to reach point B from the point A :
निम्नलिखित आकृति में बिंदु B से A तक पहुँचने का सबसे छोटा मार्ग बताएँ :



(1) ACB (2) DEB (3) AFB (4) AEB

105. Foresight : Anticipation : : Insomnia : ?
दूरदर्शिता : प्रत्याशा : : अनिद्रा : ?

(1) Treatment
उपचार

(2) Decease
मरना

(3) Sleepless
अनिद्रा

(4) Unrest
अशांति

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

106. The difference between compound interest and simple interest on ₹ 500 for 2 years at 10% per annum, is :
₹ 500 का 2 वर्ष का 10 प्रतिशत वार्षिक ब्याज दर से चक्रवृद्धि ब्याज तथा साधारण ब्याज का अन्तर है :

(1) ₹ 10
(2) ₹ 5
(3) ₹ 12
(4) ₹ 15

107. On what amount the compound interest for 3 years at 10% per annum will be ₹ 662 ?
किस धन पर 3 वर्षों का 10% की वार्षिक ब्याज दर से चक्रवृद्धि ब्याज ₹ 662 होगा ?

(1) ₹ 2100
(2) ₹ 1900
(3) ₹ 2000
(4) ₹ 2200

108. The sum of two numbers is 128 and their difference is 16. The largest number is :
दो संख्याओं का योग 128 है तथा उन संख्याओं का अन्तर 16 है, तो बड़ी संख्या है :

(1) 68
(2) 73
(3) 70
(4) 72

109. A motorboat takes 6 hours to cover 100 km downstream and 30 km upstream. If the boat goes 75 km downstream and returns back to starting point in 8 hours. The speed of the boat in still water is :
एक यन्त्रचालित नाव 6 घंटे में 100 किमी० अनुप्रवाह की ओर तथा 30 किमी० उर्ध्वप्रवाह की ओर जाती है। यदि इसी नाव को 75 किमी० अनुप्रवाह की ओर जाने तथा पुनः वापस प्रारम्भ बिन्दु पर लौटने में 8 घंटे लगते हैं, तो शान्त जल में नाव की चाल है :

(1) 22 km/hr.
22 किमी०/घंटा
(2) 20 km/hr.
20 किमी०/घंटा
(3) 24 km/hr.
24 किमी०/घंटा
(4) 30 km/hr.
30 किमी०/घंटा

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

110. The age of father is equal to the square of the age of his son. The sum of age of the father and five times the age of the son is 66 years. The age of father is :
पिता की उम्र, पुत्र के उम्र के वर्ग के बराबर है। पिता की उम्र तथा पुत्र के उम्र के पाँचगुने का, योगफल 66 वर्ष है। पिता की उम्र है :

(1) 49 years
49 वर्ष

(2) 38 years
38 वर्ष

(3) 25 years
25 वर्ष

(4) 36 years
36 वर्ष

111. If Geeta's salary is 20% less than that of Varun, then how much percent Varun's salary more than Geeta ?
यदि गीता की सैलरी वरुण के सैलरी से 20% कम है, तो वरुण की सैलरी गीता से कितने प्रतिशत अधिक है ?

(1) 20%

(2) $22\frac{1}{2}\%$

(3) 30%

(4) 25%

112. The measure of an angle which is one fourth of its supplement is :
उस कोण का मान जो अपने सम्पूरक कोण का एक चौथाई है, क्या है ?

(1) 40°

(2) 32°

(3) 36°

(4) 28°

113. 'A' takes 10 days less than the time taken by 'B' to finish a piece of work. If 'A' and 'B' together can finish the work in 12 days. Find the time taken by B to finish the work :
'A' किसी काम को करने में 'B' से 10 दिन कम समय लगाता है। यदि 'A' तथा 'B' दोनों मिलकर उस कार्य को 12 दिन में पूरा करते हैं। 'B' अकेला उसी कार्य को कितने समय (दिन) में करेगा ?

(1) 24 days
24 दिन

(2) 30 days
30 दिन

(3) 32 days
32 दिन

(4) 28 days
28 दिन

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

114. The mean of 20 observations is 60. It was detected on rechecking that the value of 32 is wrongly copied as 62. The correct mean is :
20 प्रेक्षकों का माध्य 60 है। पुनः निरीक्षण के बाद यह पाया गया कि गलती से 32 के स्थान पर 62 लिखा गया है। सही माध्य है :

(1) 59
(2) 59.60
(3) 58.5
(4) 58

115. The mean of 13 numbers is 45. If the mean of first 7 numbers is 42 and the mean of last 7 numbers is 48. The 7th number is :
13 संख्याओं का माध्य 45 है। यदि पहली 7 संख्याओं का माध्य 42 है तथा अन्तिम 7 संख्याओं का माध्य 48 है, तो 7वीं संख्या है :

(1) 45
(2) 46
(3) 47
(4) 45.5

116. A train travelling at a uniform speed for 360 Km would have taken 48 minutes less to travel the same distance if its speed were 5 Km/h more. Find the original speed of the train :
एक ट्रेन 360 किमी० एकसमान गति से चल रही है, यह ट्रेन यदि गति 5 किमी/घंटे की चाल बढ़ा देती है, तो उसी दूरी को 48 मिनट कम समय में तय कर लेती है। तो ट्रेन की मूल चाल ज्ञात करें :

(1) 40 Km/h
40 किमी/घंटा
(2) 45 Km/h
45 किमी/घंटा
(3) 48 Km/h
48 किमी/घंटा
(4) 50 Km/h
50 किमी/घंटा

117. $\frac{141\times141\times141-58\times58\times58}{141\times141+141\times58+58\times58}=...?$

(1) 70
(2) 80
(3) 82
(4) 83

118. What is the number nearest to 3609, which is completely divisible by 21 ?
संख्या 3609 के नजदीक कौन-सी संख्या है, जो 21 से पूर्णरूप से भाज्य है ?

(1) 3612
(2) 3608
(3) 3611
(4) 3610

P.T.O.

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

114. The mean of 20 observations is 60. It was detected on rechecking that the value of 32 is wrongly copied as 62. The correct mean is :
20 प्रेक्षकों का माध्य 60 है। पुनः निरीक्षण के बाद यह पाया गया कि गलती से 32 के स्थान पर 62 लिखा गया है। सही माध्य है :

(1) 59
(2) 59.60
(3) 58.5
(4) 58

115. The mean of 13 numbers is 45. If the mean of first 7 numbers is 42 and the mean of last 7 numbers is 48. The 7th number is :
13 संख्याओं का माध्य 45 है। यदि पहली 7 संख्याओं का माध्य 42 है तथा अन्तिम 7 संख्याओं का माध्य 48 है, तो 7वीं संख्या है :

(1) 45
(2) 46
(3) 47
(4) 45.5

116. A train travelling at a uniform speed for 360 Km would have taken 48 minutes less to travel the same distance if its speed were 5 Km/h more. Find the original speed of the train :
एक ट्रेन 360 किमी० एकसमान गति से चल रही है, यह ट्रेन यदि गति 5 किमी/घंटे की चाल बढ़ा देती है, तो उसी दूरी को 48 मिनट कम समय में तय कर लेती है। तो ट्रेन की मूल चाल ज्ञात करें :

(1) 40 Km/h
40 किमी/घंटा
(2) 45 Km/h
45 किमी/घंटा
(3) 48 Km/h
48 किमी/घंटा
(4) 50 Km/h
50 किमी/घंटा

117. $\frac{141\times141\times141-58\times58\times58}{141\times141+141\times58+58\times58}=...?$

(1) 70
(2) 80
(3) 82
(4) 83

118. What is the number nearest to 3609, which is completely divisible by 21 ?
संख्या 3609 के नजदीक कौन-सी संख्या है, जो 21 से पूर्णरूप से भाज्य है ?

(1) 3612
(2) 3608
(3) 3611
(4) 3610

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

119. What is the unit digit in $(3157)^{754}$?
संख्या $(3157)^{754}$ के मान में इकाई के स्थान पर होगा :

(1) 7
(2) 8
(3) 9
(4) 0

120. Which of the following numbers is exactly divisible by 99 ?
निम्न में से कौन-सी संख्या 99 से पूर्ण भाज्य है ?

(1) 3572404
(2) 135792
(3) 913464
(4) 114345

Note : Four alternatives are given as possible answers to each question. Give the correct choice as an answer.

Direction : *(Q. No. 121 to 124) : Select the word* ***nearest*** *in meaning to the given words :*

121. Coup :

(1) Small enclosure
(2) Accident
(3) Sudden overthrow of a government
(4) Clever reply

122. Emancipate :

(1) Restrain
(2) Correct morally
(3) Exist
(4) Set free

123. Fictitious :

(1) False
(2) Fraud
(3) Foul
(4) Flattering

124. Gluttony :

(1) Contentment
(2) Happiness
(3) Satisfaction
(4) Greed

Direction : *(Q. No. 125 to 128) : Select the word* ***opposite*** *in meaning to the given words :*

125. Fiasco :

(1) Mansion
(2) Success
(3) Gamble
(4) Pollution

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

126. Turbulence :
(1) Calmness
(2) Noisy
(3) Hostility
(4) Impropriety

127. Heterogeneous :
(1) Homogeneous
(2) Similar
(3) Different
(4) Colourful

128. Fabulous :
(1) Commonplace
(2) Literary
(3) Real
(4) Imaginary

Direction : *(Q. No. **129** to **132**) : Select the **correct** meaning of the given **idiomatic expressions** :*

129. To bury the hatchet :
(1) To destroy
(2) To make peace
(3) To repair a costly furniture
(4) To dispute over a small thing

130. Out and out :
(1) Slightly
(2) Absolutely
(3) Merely
(4) To go too far

131. A good samaritan :
(1) A clever person
(2) A priest
(3) A genuinely helpful person
(4) An honest politician

132. To scale up :
(1) To increase the size or number
(2) To die for
(3) To deepen
(4) To kill

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

Direction : *(Q. No. **133** to **136**) : Select the **correct** form of the **verb** to fill in the blanks in the given sentences :*

133. They ..... him since last November.

(1) seen
(2) have not seen
(3) do not see
(4) did not see

134. If it ..... the match will be cancelled.

(1) will rain
(2) would rain
(3) rained
(4) rains

135. We should reach home before it ..... dark.

(1) got
(2) is getting
(3) gets
(4) will get

136. When she met him, he ..... a letter to his father.

(1) is writing (2) will write (3) was writing (4) would write

Direction : *(Q. No. **137** to **140**) : Read the following passage and answer the questions that follow :*

Today perhaps your only association with the word 'polio' is the Sabin Oral Vaccine that protects children from disease. Some decades ago, this was not so. The dreaded disease, which mainly affects the brain and the spinal cord, causes stiffening and weakening of the muscles, crippling and paralysis which is why I am in a wheelchair today. If somebody had predicted, when I was born, that this would happen to me, no one would have believed it. I was the seventh child in a family of four pairs of brothers and sisters, with a huge 23 year gap between the first and the last. I was told that unlike the others, I was so fair and brown-haired that I looked like a foreigner than an Indian. I was also considered to be the healthiest of the brood.

137. The word 'brood' in the passage refers to :

(1) foreign children.
(2) polio victims
(3) children in the family
(4) Indian children

138. The narrator was the seventh child in a family of :

(1) 8 children
(2) 12 children
(3) 4 children
(4) 23 children

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

139. In this passage, the narrator is a patient of :

(1) paralysis
(2) polio
(3) nervous weakness
(4) heart disease

140. In his childhood, the narrator was :

(1) tall and slim
(2) short and stout
(3) a weakling
(4) very healthy

Direction : *(Q. No. **141** to **144**) : Select the word which can be **substituted** for the given words :*

141. A place where money is coined :

(1) Press
(2) Treasury
(3) Bank
(4) Mint

142. That which cannot be heard :

(1) Inaudible
(2) Audible
(3) Unheard
(4) Ineffaceable

143. A decision which cannot be taken back :

(1) Rigid
(2) Irrevocable
(3) Order
(4) Brief

144. A person who speaks for someone else :

(1) Reporter
(2) Alien
(3) Spokesman
(4) Supporter

Direction : *(Q. No. **145** to **147**) : Fill in the blanks with the **correct preposition** :*

145. India is committed ..... a policy of peaceful existence.

(1) by
(2) on
(3) at
(4) to

collegedunia
India's largest Student Review Platform
Scanned with CamScanner

146. My friend never jumps ..... the conclusion.

(1) at
(2) with
(3) by
(4) in

147. The hero's voice reverberated ..... the walls of the castle.

(1) with
(2) of
(3) from
(4) in

Direction : *(Q. No.* ***148*** *to* ***150****) : Select the word which has been* ***wrongly spelt*** *:*

148. (1) Distinguished
(2) Publication
(3) Ginger
(4) Transitary

149. (1) Poststructuralist
(2) Controversey
(3) Moderate
(4) Canvass

150. (1) Beginning
(2) Repertoire
(3) Receive
(4) Restourant

collegedunia
India's largest Student Review Platform
Scanned with CamScanner