

SECTION-I : MAT

1. 121 : 12 :: 25 : ?
a) 1 b) 2 c) 6 d) 7
2. 17 : 52 :: 1 : ?
a) 3 b) 4 c) 5 d) 51
3. 9 : 80 :: 100 : ?
a) 901 b) 1009 c) 9889 d) 9999

Directions: Select the pair in which the numbers are similarly related as in the given pair

4. 8 : 256
a) 7 : 343 b) 9 : 243 c) 10 : 500 d) 5 : 75
5. 7 : 24
a) 30 : 100 b) 23 : 72 c) 19 : 58 d) 11 : 43
6. If in a certain code, TEACHER is written as VGCEJGT, how would DULLARD be written in the same code?
a) FWMNCTF b) FWNNBTE c) FWNNCSF d) FWNNCTF
7. If PEOPLE is coded as PLPOEE, how is TREND coded?
a) TREDN b) DNERT c) NDETR d) TNERD
8. If DIAMOND is coded as VQYMKLV, how is FEMALE coded?
a) TUMYNU b) UVNZOV c) UVNYNV d) TVNYNV
9. If in a certain language, UTENSIL is coded as WVGPUKN, which word would be coded as DMSFXG?
a) BKQEVE b) BKQDWE c) BKQDWF d) BKQDVE
10. In a certain code language, 'Mink Yang Pe' means 'Fruits are ripe'; 'Pe Lao May Mink' means 'Oranges are not ripe' and 'May Pe Nue Mink' means 'Mangoes are not ripe'. Which word in that language means 'Mangoes'?
a) May b) Pe c) Nue d) Mink
11. In a certain code language, 'po ki top ma' means 'Usha is palying cards'; 'kop ja ki ma' means 'Asha is playing tennis'; 'ki top sop ho' means 'they are playing football'; 'po sur kop' means 'cards and tennis'. Which word in that language means 'Asha'?
a) Ja b) ma c) kop d) top

12. Pointing to a gentleman, Deepak said, "His only brother is the father of my daughter's father." How is the gentleman related to Deepak?
- a) Grandfather b) Father c) Brother-in-law d) Uncle
13. Arun said, "This girl is the wife of the grandson of my mother." Who is Arun to the girl?
- a) Father b) Grandfather c) Husband d) Father-in-law
14. Rajan is the brother of Sachin and Manick is the father of Rajan. Jagat is the brother of Priya and Priya is the daughter of Sachin. Who is the uncle of Jagat?
- a) Rajan b) Sachin c) Manick d) None of these

Read the following information and answer the questions based on it.

In a school, there were five teachers. A and B were teaching Hindi and English. C and B were teaching English and Geography. D and A were teaching Mathematics and Hindi. E and B were teaching History and French.

15. Who among the teachers was teaching maximum number of subjects?
- a) A b) B c) C d) D
16. Which of the following pairs was teaching both Geography and Hindi?
- a) A and B b) B and C c) C and A d) None of these
17. More than two teachers were teaching which subject?
- a) History b) Hindi c) French d) Geography
18. D, B and A were teaching which of the following subjects?
- a) English only b) Hindi & English c) Hindi only d) English & Geography
19. Who among the teachers was teaching less than two subjects?
- a) A b) B c) D d) there is no such teacher

Study the given information carefully and answer the questions that follow-

- i) Six friends P, Q, R, S, T and U are members of a club and play different game of Football, Cricket, Tennis, Basketball, Badminton and Volleyball.
- ii) T who is taller than P and S plays Tennis.
- iii) The tallest among them plays Basketball
- iv) The shortest among them plays Volleyball
- v) Q and S neither play Volleyball nor Basketball
- vi) R plays Volleyball
- vii) T is between Q who plays Football and P in order of height.
20. Who among them is taller than R but shorter than P?
- a) Q b) T c) U d) None of these

21. Who will be at the third place if they are arranged in the descending order of their height?
- a) Q b) P c) S d) T
22. Which of the following statements is not true?
- a) P is shorter than R b) Q is taller than s c) S is taller than R.
d) T is taller than R.
23. Who among them plays Basketball?
- a) Q b) R c) S d) U
24. What does S play?
- a) Cricket b) Badminton c) Football d) Either cricket or badminton
25. In a family, a couple has a son and a daughter. The age of the father is three times of that of his daughter and the age of the son is half of his mother. The wife is 9 years younger to her husband and the brother is seven years older than his sister. What is the age of the mother?
- a) 40 years b) 45 years c) 50 years d) 60 years

SECTION-II : MAT

1. Which of the following personalities is NOT a recipient of the Dadasaheb Phalke award?
a) Satyajit Ray b) Asha Bhonsale c) Ashok Kumar d) Kishore Kumar
2. The Electrocardiogram was invented by-
a) Willem Einthoven b) Joseph Henry c) Samuel Morse d) Edward Teller
3. Which is 'The Land of the thousand lakes'?
a) Finland b) Russia c) China d) Argentina
4. In the battle of Plassey, the British fought against-
a) Tipu Sultan b) The Marathas c) Siraj-ud-Daulah d) Bahadur Shah Zafar
5. The winner of the Miss India-Earth'2006 at the Femina Miss India Contest is-
a) Natasha Suri b) Neha Kapur c) Arti Thakur d) Amrita Patki
6. The Border-Gavaskar Trophy is played between-
a) India-England b) India-West Indies c) India-Australia d) India-New Zealand
7. The Center for Disease Control and Prevention (CDC) is located in-
a) Atlanta b) Geneva c) Paris d) London
8. Which of the following is a moon of Mars?
a) Phobos b) Europa c) Charon d) Triton
9. The artist of 'Mahishasura' which sold for over \$1 million at a Christie's auction is-
a) Tyeb Mehta b) M. F. Hussain c) S. H. Raza d) V. S. Gaitonde
10. The winner of the best Motion Picture Academy Award 2005 is-
a) Brokeback Mountain b) Crash c) Capote d) Munich
11. The B.C.G. Vaccine provides immunity against which disease?
a) Measles b) Polio c) Brucellosis d) Tuberculosis
12. Who is author of 'Identity and Violence; The illusion of Destiny'?
a) Suketu Mehta b) Amartya Sen c) Salman Rushdie d) V. S. Naipaul
13. The chemical symbol for Gold is-
a) Au b) Go c) Ag d) Rg
14. Charles M. Schulz is the creator of which comic strip?
a) Peanuts b) Garfield c) Dilbert d) Calvin and Hobbes



15. The head quarters of ISRO are located at-
a) Sriharikota b) Thumba c) Bangalore d) Hyderabad
16. In March, 2006, Sonia Gandhi resigned as Lok Sabha MP because she was holding which “office of profit”?
a) National Advisory Council b) Uttar Pradesh Urban Development Council
c) National Advisory Trade Committee d) Indo-Italian Co-operation Council
17. The Munich Agreement of 1938 was regarding which territory?
a) Bosnia b) Serbia c) Sudeten land d) Austria
18. Which of the following Indian films has been nominated in the Best Foreign Film category at the Academy Awards?
a) Bandit Queen b) Earth c) Hey Ram d) Salaam Bombay
19. ‘Saare Jahan Se Achha’ was composed by-
a) Allama Mohammad Iqbal b) Lala Hardayal
c) Rabindranath Tagore d) Bankim Chandra Chatterjee
20. The current chief minister of Tamilnadu is-
a) M. Karunanidhi b) Jayalalitha c) N. Rangasamy d) Vaiko
21. We know Mahajabeen Bano better as-
a) Nadira b) Noor Jahan c) Waheeda Rehman d) Meena Kumari
22. The first genetically engineered drug approved by USFDA is-
a) Insulin b) Erythropoietin c) Growth Hormone d) Glucagon
23. The notes of ascent in a Raga of Hindusthani Classical Music are-
a) Aroha b) Avaroha c) Avodana d) Avardana
24. The Goddess of Wisdom in Greek Mythology is-
a) Hera b) Demeter c) Aphrodite d) Athena
25. The Football World Cup, 2006 is being held in-
a) France b) Brazil c) Germany d) Australia