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Maximum Weight : 5

*Answer **all** questions.*
All questions carry equal weight.
Put a tick mark [✓] in the column against the correct answer.

1. ——————— is essential in our society in order to grow and move towards the future.

    (A) Technology.　　☐　　(B) Delphi.　　☐

    (C) Olduvai.　　☐　　(D) IPR.　　☐

2. ——————— has allowed countries across the world to connect and interact without having to fly thousands of miles to communicate with each other.

    (A) Technology.　　☐　　(B) WIPO.　　☐

    (C) IPR.　　☐　　(D) Delphi.　　☐

3. Appropriate technology, sometimes called ——————— technology, more of an economics concern, refers to compromises between central and expensive technologies of developed nations and those that developing nations find most effective to deploy given an excess of labour and scarcity of cash.

    (A) Intermediate.　　☐　　(B) ARPANET.　　☐

    (C) Usenet.　　☐　　(D) BITNET.　　☐

4. The implementation of ——————— influences the values of a society by changing expectations and realities.

    (A) WIPO.　　☐　　(B) Delphi.　　☐

    (C) ISDN.　　☐　　(D) Technology.　　☐

Turn over

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5. Paper making technology was spread to Mediterranean by the ——————— conquests.

    (A) Muslim. ☐   (B) Chinese. ☐

    (C) Portuguese. ☐   (D) Spanish. ☐

6. Architects and engineers were inspired by the structures of Ancient Rome, and men like ——————— created the large dome of Florence Cathedral as a result.

    (A) Brunelleschi. ☐   (B) George B.Selden. ☐

    (C) Alexander W. Astin. ☐   (D) Sir Robert Cotton. ☐

7. The sailing ship (Nau or Carrack) enabled the Age of Exploration with the European colonization of the Americas, epitomized by ——————— New Atlantis.

    (A) Francis Bacon's. ☐   (B) Robert Stephenson's. ☐

    (C) Richard Roberts. ☐   (D) Joseph Whitworth. ☐

8. ——————— were eventually completely iron-clad, and played a role in the opening of Japan and China to trade with the West.

    (A) Steamships. ☐   (B) Spacecraft. ☐

    (C) Refrigeration. ☐   (D) Television. ☐

9. ——————— became a computing device when it was first used to design the abacus.

    (A) ARPANET. ☐   (B) Wood. ☐

    (C) LIGO. ☐   (D) FLESH. ☐

10. ——————— is a standard switching technique, designed to unify telecommunication and computer networks.

    (A) Asynchronous Transfer Mode. ☐

    (B) Digital split. ☐

    (C) Cyberethics. ☐

    (D) DRM. ☐

11. ——————————— provides data link layer services that run over a wide range of OSI physical Layer links.

   (A) Cyberethics.

   (B) Digital split.

   (C) Asynchronous Transfer Mode.

   (D) ARPANET.

12. ——————————— is a core protocol used over the SONET/SDH backbone of the public switched telephone network (PSTN) and Integrated Services Digital Network (ISDN), but its use is declining in favour of All IP.

   (A) Asynchronous Transfer Mode.

   (B) Digital split.

   (C) ICT.

   (D) IPR.

13. A generalized definition of ——————————— may be "unlawful acts wherein the computer is either a tool or target or both".

   (A) Cyber crime.   (B) Open source.

   (C) Word processing.   (D) Digital Divide.

14. ——————————— is a malicious software program written intentionally to enter a computer without the user's permission or knowledge,

   (A) VERONICA.   (B) Microsoft Windows.

   (C) Computer Virus.   (D) Cyber crime.

15. ——————————— is the first Indian satellite built exclusively for serving the educational sector offering an interactive satellite based distance education system for the country.

   (A) EDUSAT.   (B) MBHS.

   (C) Scilab.   (D) INSAT.

Turn over

16. ————————— is primarily meant for providing connectivity to school, college and higher levels of education and also to support non-formal education including developmental communication.

(A) EDUSAT. ☐ (B) MBHS. ☐

(C) Scilab. ☐ (D) FORTRAN. ☐

17. In the first phase of pilot projects, a ————————— transponder on board INSAT-3R, which is already in orbit, is being used.

(A) FORTRAN. ☐ (B) CIET. ☐

(C) MBHS. ☐ (D) Ku-band. ☐

18. The ————————— Libra'y is the world's largest library in terms of total number of items.

(A) German. ☐ (B) French. ☐

(C) British. ☐ (D) Russian. ☐

19. In —————————, the British Library absorbed the National Sound Archive, which holds many sound and video recordings, with over a million discs and thousands of tapes

(A) 1983. ☐ (B) 1986. ☐

(C) 1987. ☐ (D) 1992. ☐

20. An Act of Parliament in ————————— established the principle of the legal deposit, ensuring that the British Library and five other libraries in Great Britain and Ireland are entitled to receive a free copy of every item published or distributed in Britain.

(A) 1901. ☐ (B) 1909. ☐

(C) 1911. ☐ (D) 1931. ☐

No. of MCQs attempted ☐   Weight Scored ☐

(To be entered by the examiner)

No. of MCQs not attempted ☐

ATTACH SECTION II INTERNAL EXAMINATION MCQ PAPER WITH THE MAIN ANSWER-BOOK