



DELHI PUBLIC SCHOOL

SAIL TOWNSHIP, RANCHI

HALF YEARLY EXAMINATION (2017-18)

Class:-X
Time- 2 Hours.

Subject:- Information Technology
M.M-50

General Instructions:

- There are FOUR Groups, all in total : (Group- 'A', 'B', 'C' & 'D').
- Marks are indicated against questions.
- All Questions are mandatory unless alternative is provided.
- Always keep margin at the left side of your answer script & clearly write the Question Number.
- Try to maintain the order of the questions during innovative & informative answering.
- Keep space and mark 'line-of-separation' between two answers.

Group : 'A' [Write Essay on any Two]

[5 X2= 10]

(Functional English)

- (A1) Assuming that you have graduated with Information Technology as your specialization and wishing to join a coveted Job. To apply, A good and Informative RESUME (CV) is mandatory. Mention few features why Preparing a good resume is important? Also, explain the role of Cover Letter, which should be attached with your Bio-Data?
- (A2) You have been promoted as Assistant Director of your Organization and given an opportunity to Conduct Telephonic Interviews for different posts in the organization. For the successful execution of this responsibility, what type of pre requisite Preparations you require? How and what type of Interview Questions will be prepared to test the Applicant's Knowledge & Psychology? Give your Innovative ideas.
- (A3) We have been witnessing the pathetic effects on students from the so called "BLUE WHALE Challenge" Game. As an IT Student, Your Role is immensely important for Juniors, Parents and Society. Explaining about this, Share your Concerns and safety measures to eradicate such menace.

Group : 'B' [MCQ, English]

[1/2X6=3]

- (B1) Fill the Blank: If she ----- a bird, she would fly.
(a) is (b) are (c) were (d) was
- (B2) Fill the Blank: We shall fail ----- we are industrious.
a) even (b) unless (c) whether (d) until
- (B3) Select Antonym: He did it purposely.
a) Hesitatingly (b) Timidly (c) Half-heartedly (d) Unintentionally
- (B4) Select Synonym: As a writer, she is very conceited about her work.
a) modest (b) honest (c) proud (d) modern
- (B5) Select the best Idiom / Phrase : Chanda was All at Sea when she began her new Job.
a) Delighted (b) Sad (c) Puzzled (d) Triumphant

- (B6) Select the best Idiom / Phrase: He takes leave Once in a Blue Moon.
a) Rarely b) Often c) Once in a fortnight d) Regularly

Group: 'C' [MCQ, IT]

[$\frac{1}{2} \times 4 = 2$]

- (C1) 1024 Mega Bytes represent a:
a) Mega Byte b) Kilo Byte c) Mini Byte d) Giga Byte
- (C2) Which one is the device that is the "Brain" of a Computer System?
a) Scanner b) CD-ROM c) Mouse d) CPU
- (C3) A collection of 4 bits is called as
a) Record b) Word c) Byte d) Nibble
- (C4) Dot Matrix is a type of:
a) Bus b) Disk c) Printer d) Tape

GROUP : 'D' (Subjective IT)

- (D1) Briefly Explain INTERNET. In present Era, for Individuals, Institutions and Companies, Mention Uses (at least Four) of Internet. For Students, What may be the Two Disadvantages of Internet. Also write the Names of two ISPs of India. [2+2+1+1=6]
- (D2) The IT Department, Government Of Jharkhand, wishes to Install Video Conferencing facility. As an IT Expert, you are invited for your technical suggestions. Provide them the names of Pre requisite Hardwares & Softwares required for it. How it is Cost effective and Time Saver? Finally, Mention the Brief concept of Video Conferencing for the Users. [2+2+1=5]
- (D3) Expand the following terms : (Any FOUR): [2]
(a) Wi-Fi (b) Wi MAX (c) MODEM (d) MTNL (e) ASCII (f) GIGO
- (D4) Point wise Differentiate between two terms: e-mail and CHAT. [2]
- (D5) (a) Explain the concept of Word Processing. Mention few special Features of any Word Processor. [3]
(b) Exhibiting your potential of Practical Knowledge, Write Steps for the following tasks: [3]
Create a new document by your Name; Write two small paragraphs about the recent achievements of your School; Provide a heading named as " ACHIEVEMENTS "; Make it Bold and Underlined; Color of the text of heading should be Blue; Align the Heading in the center and Finally save the document.
- (D6) Explain the term: DBMS. Provide few examples of DBMS packages. Mention some Advantages (at least Four) of DBMS over traditional File Processing System. [5]
- (D7) Write Fundamental concepts of HTML along with its Capabilities. Write an example HTML code to display an address in exactly the same way as given here : [5]
M.S. Dhoni
<M7>, Shyamali Colony,
Ranchi - 834002
- (D8) Write the Concept of e-governance. Mention few positive Impacts of e-governance on Society. [2]
- (D9) Define the concept of e-Learning. What do you think is the most outstanding feature of e-Learning? [2]

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