

QUESTIONS FOR OTBA- Class IX- 2013-14

Information Technology And Values

1. Moral issues regarding IT- mention any 4.

Ans: Personal information is collected without the individual's consent; certain software assesses suitability of an individual which can be misinterpreted; companies may use the personal information for their database; individual has no control over where the information is stored or who accesses it)

2. List personal data gathered by IT- any 4.

(Facebook-Clicking "Like" means info/ photo can be shared by your friends; details of websites you have visited; GPS on your travel; medical details of the individual are collected)

3. Advise friends (in any 4 ways) on using Facebook.

(Accept Friend Notification only when you know the person; do not reveal personal details to strangers; do not blindly believe everything which is transmitted through chat or messages; do not post pictures which you are not comfortable with...)

4. Uses of Twitter/ Facebook: any 4

(Social networking system which connects you to friends; platform to express your views; a glimpse into other peoples' lives; maintain a record of important events in your life...)

5. Misuse of Twitter/ Facebook- any 2

(personal information may be shared with others without your consent; may be difficult to cope with hate messages; becomes a status symbol with number of 'likes' turning into a competition...)

6. Freedom of Speech vs. Inciting Public Passions (4)

(Social networking sites encourage you to express your views, pose questions to policy makers; share jokes, anecdotes. However your opinions and statements may be misinterpreted or may incite others to acts of violence)

7. Financial Transactions through Internet Banking

- a. Mention any 2 advantages and 2 disadvantages

(No need to carry cash; can shop from the comfort of your home, can take care of routine bill payments, booking of cinema or airline or rail or theatre tickets easy. However, your identity can be hacked; difficult to get refund if payment has been wrongly made...)

- b. How can financial companies make use of this information?

(access to details of what you bought- thus judge your financial status; may hound you with offers of discounts and sales etc; may wrongly rate your credit standing)

- c. How can we regulate the use and store of this information?

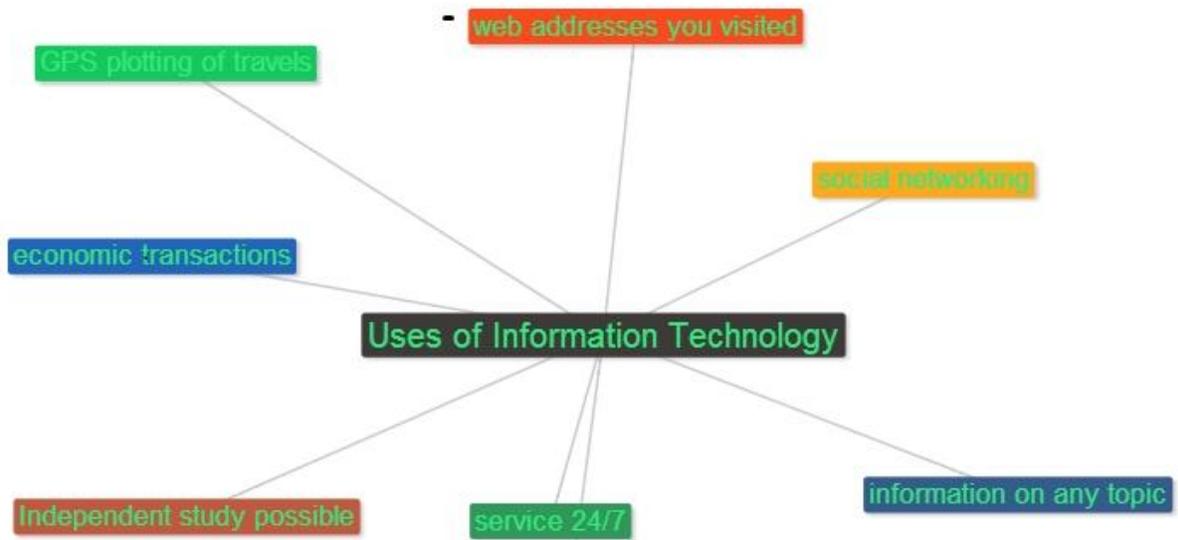
(limited access of personal information to third parties; software which can be made more sophisticated so that assessment is more reliable; ability to block personal information by individual...)

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Here are some more questions for comprehension of the text:

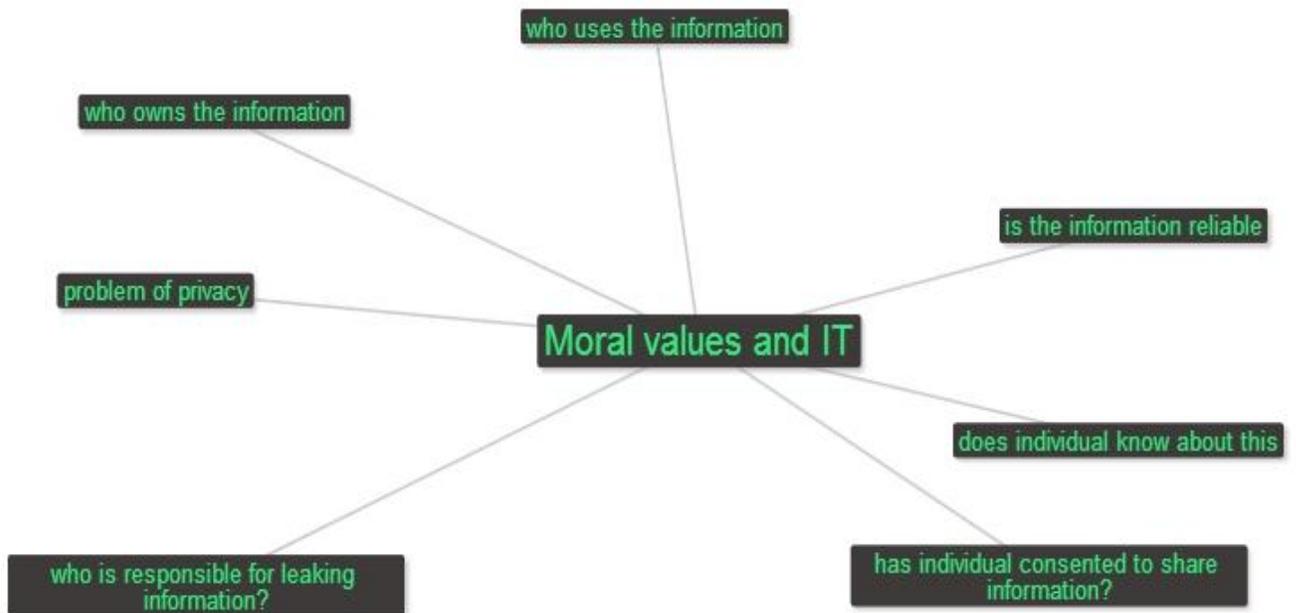
1. How and why is IT becoming an integral part of our lives today?
2. What is 'Breach of Privacy'?
3. What are "ethics"? How do they become important in the IT world?
4. *Draw a poster on the use and misuse of Technology. Suggest 4 ways to make a Net-user wary of revealing personal details to unknown people.
5. How well are u connected on FB? How many friends have u made on FB?
6. Who do you think are more faithful- FB friends or friends next door?
7. Do you think -FB friends are faithful? How practical is that?
8. Can children keep pace with the fast growing technology? Comment.
9. How can schools teach moral values in connection with social networking?
10. You are Sohan. Your brother is in class IX. Advise your brother to use the Internet ethically. Mention 4 points.
11. How is learning different from simply using technology for knowledge.
12. With reference to the statement, "Why learn anything when information is just an internet search away". Mention the moral challenges regarding this and how can one motivate children to learn?
13. In today's high-tech world, how is computer a universal machine?
14. How is IT a challenge in today's scenario?
15. Children should be made aware of the dangers of IT. Elaborate.
16. Does IT affect the life of a person? Give reasons.
17. Comprehension-
 - a. What was the philosophy of Socrates?
 - b. What are the two arguments put forward regarding the change?
 - c. Which are the types under which IT/ Application is categorized?
 - d. What are the functions of IT?
18. What are the risk factors in IT?
19. What moral values do we need when using IT?
20. What are the benefits of IT?
21. How do we transfer information, little by little?
22. Why is privacy important to an individual?
23. What can be understood from the term "Cybernetics"?
24. What are the implications of "Cybernetics" on our daily life?
25. How does the computer take functional decisions, which may be incorrect?
26. Predictions made by Computer based on Complex Logic and Mathematics might result in mistaken Classification. Comment.

Concept Maps:- are useful tools to understand heavy writing. A few samples are given here but the students may be advised to design their own concept maps for clearer understanding.

A)



B)



Compiled by participants of TGT English in-service course at ZIET Bhubaneswar