

Half-Yearly Examination—2013
Class XI
(English Version)
Subject : ICT (Theory)

Time : 3 Hours

Full Marks – 75

Section-A

(Answer any four of the following question) 4×10=40

1. What is global village? Explain the global village with perspective of education, medical and employment.
2. What is nanotechnology? Describe the fields of uses of nanotechnology.
3. What is ICT? Discuss the impact of ICT on society.
4. Convert $(123.456)_{10}$ into binary, $(602.52)_8$ into hexadecimal, and $(A9C.6B)_{16}$ into decimal.
5. What is logic gate? Describe the logic diagram of basic logic gates with truth table.
6. a) Prove that $\overline{B \oplus C} = BC + \overline{BC}$
b) Simplify : i) $\overline{X} \cdot \overline{Y} (Z + \overline{X})$ ii) $\overline{A}BC + A\overline{B}C + AB\overline{C} + ABC$

Section-B

(Answer any seven of the following question) 7×5=35

1. What are advantages may have in the treatment using cryosurgery? Describe.
2. What is space exploration? Describe the uses of ICT in space exploration.
3. What is biometrics? Write the some Examples of behavioral biometrics and physical biometrics.
4. What is bioinformatics? Where and how bioinformatics are used in Bangladesh?
5. Implement the EX-OR gate using basic gates.
6. Write the De'Morgan Theorems for three variables and prove it.
7. What is universal gate? Prove the universality of NAND gates.
8. What is signed number? Subtract +8 from +12 using 2's complement.
9. Describe briefly about artificial intelligence and robotics.
10. Write the full form: NASA, GPS, GMO, EBCDIC, ASCII

Hsc Ict Question For 2015 Exam

RJ Alexander



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the angiosperms or in new terminology the magnoliophytes are the flowering plants which include perhaps as many as 400 000 species from the science of grapevines second edition 2015 related terms cladistics genus pollinator gymnosperm

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most modern angiosperms are classified as either monocots or eudicots based on the structure of their leaves and embryos
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in any event in this new classification the basal angiosperms contain three superorders or five if one includes magnolianaes and ceratophyllanaes that are coordinate with the monocots also placed in their own superorder and ten additional superorders eudicots for a

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abstract the synopsis of my classification of the angiospermae that was published in aliso thorne 1968 has been much modified in recent years increased knowledge about many of the families has resulted in a realignment of some of them and

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