



సంకలీకరణము

- h) Gizah pyramid  
గీజా పిరమిడ్
- i) Compass  
కంపాస్ (డిక్యూచి)

**SECTION - C**

**(3 × 4 = 12)**

**Answer all Questions**

**Q8)** Fill in the blanks

- a) Permissible Noise levels at sensitive areas \_\_\_\_\_.  
సున్నితమైన ప్రదేశాలలో ప్రతిపాదించబడిన శబ్ద తరంగాల విలువ \_\_\_\_\_.
- b) M.S. Swaminathan is associated with  
ఎమ్. ఎస్ స్వామినాథన్ వేసితో అనుసంధానమై \_\_\_\_\_ వున్నారు.
- c) Narcotic drugs meant for \_\_\_\_\_.  
మత్తుకలిగించే ఔషధాలు అంటే \_\_\_\_\_.
- d) DDT was discovered by \_\_\_\_\_.  
డిడిటి ఎవరు కనుగొన్నారు \_\_\_\_\_.

**Q9)** Choose the correct answer

- a) The Heart of the computer is
  - i) Key board
  - ii) CPU
  - iii) Mouse
  - iv) Printer
- b) Naturally Occur Vitamin,
  - i) Vit - C
  - ii) Vit - A
  - iii) Vit - D
  - iv) Vit - B

- i) విటమిన్ - సి
- ii) విటమిన్ - ఎ
- iii) విటమిన్ - డి
- iv) విటమిన్ - బి

- c) Fat soluble vitamin

- i) Vit - B
  - ii) Vit - C
  - iii) Vit - A
  - iv) Vit - A & D
  - i) విటమిన్ - బి
  - ii) విటమిన్ - సి
  - iii) విటమిన్ - ఎ
  - iv) విటమిన్ - ఎ మరియు డి
- d) Which substance is used for blasting
- i) Rubber
  - ii) Steel
  - iii) Nitrate
  - iv) Dynamite

ఏ పదార్థాన్ని విస్ఫోటనలో ఉపయోగిస్తారు.

- i) రబ్బర్
- ii) స్టీల్
- iii) నైట్రేట్
- iv) డైనమైట్

**Q10)** Match the following

- a) Eutrophication
- b) PV cells
- c) Satellites
- d) DDT
- a) యూట్రోఫికేషన్
- b) PV ఘటకాలు
- c) ఉపగ్రహాలు
- d) డిడిటి

- Pesticide
- Communication
- Ponds
- Solar energy
- క్రిమిసంహారకాలు
- సమాచార సంవహణము
- చెరువులు
- సొర శక్తి



(DSSE 31)

Total No. of Questions : 10]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DEC. - 2016

Third Year

SOFTWARE ENGINEERING (IT) (P - I)

Time : 3 Hours

Maximum Marks: 80

---

---

Answer any FIVE questions  
All questions carry equal marks

- Q1)** a) Define Software Engineering. Explain about the Software Process.  
b) Explain about RAD model.
- Q2)** a) Explain about the people involved in the project management.  
b) Explain about project metrics.
- Q3)** a) Discuss about behavioural models.  
b) Discuss Spiral Model.
- Q4)** a) Discuss about functional and non-functional requirements of software.  
b) Discuss about the Requirements analysis.
- Q5)** a) Discuss about various design concepts.  
b) Explain about Software Architecture importance.
- Q6)** Explain in detail about Software Quality assurance.
- Q7)** Explain the various design issues associated with the User Interface Design.
- Q8)** Discuss about golden rules in User Interface Design.
- Q9)** Discuss about software testing techniques in detail.
- Q10)** Explain various software testing strategies.



(DSCCN31)

Total No. of Questions : 10]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DECEMBER – 2016

Third Year

INFORMATION TECHNOLOGY (Part – II)

Computer Communications & Network (Paper -I)

Time : 3 Hours

Maximum Marks: 80

---

---

Answer Any Five Questions  
All questions carries Equal Marks

(5×16= 80)

- Q1)** What are periodic and aperiodic signals. Give an explanatory note on classification of analog signals?
- Q2)** Discuss about multiplexing and explain about transmission media?
- Q3)** Discuss about error detection and correction?
- Q4)** Explain about Network layer protocol?
- Q5)** Define SMTP? Explain briefly SMTP.
- Q6)** Explain about point – to – point protocol.
- Q7)** Explain about metropolitan area network in detail?
- Q8)** Discuss about internetworking devices?
- Q9)** Discuss about TCP & UDP?
- Q10)** What are the digital services available to telephone customers. What is FTTC and who are it.



(DSBC 31)

Total No. of Questions : 10]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DEC. - 2016

Third Year

BASICS OF E – COMMERCE (IT)

Time : 3 Hours

Maximum Marks: 80

---

---

Answer any FIVE questions  
All questions carry equal marks

- Q1)** Explain the potential benefits of Electronic Commerce. Also state the impact of Electronic Commerce.
- Q2)** What are the essential requirements for E-commerce. Also state critical factors for E-Commerce success.
- Q3)** Explain the objective and growth of internet advertisement.
- Q4)** What is PUSH Technology? What is Intelligent Agents?
- Q5)** Discuss on-line advertising mechanism. Also state its rationale.
- Q6)** What is on-line publishing? State its procedure and practical aspects.
- Q7)** Trace out the origin and evolution of Innovations in E-Payment System.
- Q8)** What is Credit – Card? Also explain what is credit card based electronic payment system.
- Q9)** Write a short notes on the following:
- a) E-Cash.
  - b) Digital Currency.
- Q10)** Explain:
- a) The Driving forces of E-commerce.
  - b) Trading Stocks on-line.



(DSDW31)

Total No. of Questions : 10]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DEC. - 2016

Third Year

P – VI : DATA WAREHOUSING (IT)

Time : 3 Hours

Maximum Marks: 80

---

---

*Answer any Five questions*  
*All questions carry equal marks*

- Q1)** What is warehouse? Explain Star Scheme Design.
- Q2)** Explain about design methodologies of data warehousing.
- Q3)** Explain about ETL Architecture.
- Q4)** Explain managing data in the data warehousing project.
- Q5)** Explain different components and access tools of data warehousing.
- Q6)** What is datamining. Describe the components of a datamining System and benefits.
- Q7)** Explain about OLAP.
- Q8)** a) Clustering  
b) MOLAP
- Q9)** Explain about the indexing approach for a data warehouse.
- Q10)** a) Meta data.  
b) Data Mining.



(DSVP 31)

Total No. of Questions : 10]

[Total No. of Pages : 01

B.Sc. DEGREE EXAMINATION, DEC. – 2016

Third Year

VISUAL PROGRAMMING (IT)

Time : 3 Hours

Maximum Marks: 80

---

---

Answer any FIVE questions

All questions carry equal marks

- Q1)** What are minimum hardware and software requirements for visual C++ and write steps to windows installation.
- Q2)** Explain about Automation and macros in VC++.
- Q3)** How can you search a topic from the content window.
- Q4)** Explain the layout of a window and explain common features of windows applications.
- Q5)** Explain about windows Dialog Boxes.
- Q6)** Describe about WinMain ( ) function and WNDCLASS.
- Q7)** What are principles and guidelines for MFC design.
- Q8)** What is the use of GDI application.
- Q9)** Explain the following
- a) Events
  - b) Methods
  - c) Persistence
- Q10)** Create a BASIC ActiveX control.

EEE