

B.A./B.Com./B.Sc./B.B.M./B.H.M. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part I — English

Paper II — GENERAL ENGLISH

Time : Three hours

Maximum : 100 marks

SECTION A

(PROSE)

1. (a) Read the following passage carefully and answer the questions that follow ; (5)

I wasted ten pounds on an evening suit made in Bond street, the centre of fashionable life in London and got my good and noble hearted brother to send me a double watch chain of gold. It was not correct to wear a readymade tie and I learnt the art of tying one for myself.

- (i) Name the writer of the passage.
- (ii) What was Bond street famous for?
- (iii) Who sent the speaker a double watch chain of gold?
- (iv) Why did the speaker learn the art of tying?
- (v) What did the speaker buy in Bond street?

- (b) Read the following passage carefully and answer the questions that follow, choosing the right answer : (5)

As our discussion drew to a close, the telephone rang. From the conversation I gathered that a man with whom Hammarskjold had planned to have dinner had been taken ill. He looked disappointed. Amazed at my temerity, I blurted, "I'd be honoured if you'd have dinner with me".

- (i) The 'T' in the passage is related to
 - (1) Gandhi
 - (2) Jhan Robbins
 - (3) Orwell
 - (4) Helen Keller
- (ii) Hammarskjold's reaction to the speaker was
 - (1) He drank too much
 - (2) He readily agreed to the suggestion
 - (3) He rejected the offer
 - (4) He was surprised
- (iii) Temerity in the passage suggests
 - (1) Courage
 - (2) Insult
 - (3) Happiness
 - (4) Timidity
- (iv) Who did feel honoured with the dinner?
 - (1) Hammarskjold
 - (2) Robbins
 - (3) Abdul Kalam
 - (4) President of America

(v) Which word in the passage means dissatisfied?

(1) Disappointed

(2) Amazed

(3) Ill

(4) Temerity

2. Answer any TWO of the following in not more than 100 words each : **(2 × 5 = 10)**

(a) What are Barnum's suggestions for practising economy?

(b) What are the problems that India would face in making Abdul Kalam's dream into a reality?

(c) What are Hill's suggestions to write interestingly?

(d) Why did Orwell decide to shoot the elephant?

3. Answer any ONE of the following in about 200 words : **(10)**

(a) Summarize Gandhi's experiences in London as a student.

(b) What message does Helen Keller convey regarding the use of 'senses'?

(c) Justify the title of the essay 'Man's Peril'.

SECTION B

(POETRY)

4. (a) Answer any ONE of the following in not more than 100 words : **(5)**

(i) How does Shelley compare himself with the west wind?

(ii) How does the lover express his intense love for his beloved in 'The Last Ride Together'?

(iii) Bring out the grief of Mother India over the loss of her children.

(b) Explain any ONE of the following : **(5)**

(i) And the hapless soldiers sigh,

Runs in blood down palace walls.

(ii) 'I am a part of all that I have meet'.

(iii) I first surmised the horses' heads

Were toward eternity.

5. Answer any ONE of the following in 200 words : **(10)**

(a) What are the Romantic elements in 'Ode to a Nightingale'?

(b) Appreciate the poem 'Mending Wall'.

(c) Bring out the central idea in the poem 'Advice to Fellow Swimmers'.

SECTION C

(SHORT STORIES)

6. Answer any ONE of the following in about 200 words : **(10)**
- (a) Describe the tragic circumstances that led to the death of Ha' penny.
 - (b) Consider 'Diamond Rice' as a mild satire on society and an human foildes.
 - (c) Narrate the story 'The only American from Our Village'.

SECTION D

(LANGUAGE WORKS)

7. Read the following passage and make a note on the main points : **(8)**

Education is the instrument for social economic and cultural change. If we are to work for social and national integration, if we are to foster moral and spiritual values, and increase productivity, agricultural and industrial, we have to use education in a proper way. Science and technology will help us to solve the problems of hunger and poverty, of disease and illiteracy, of superstition and deadening custom, of vast resources running to waste, of a rich country inhabited by poor people

8. Write an essay on any ONE of the following : **(8)**

- (a) Corruption – the root cause of all evils.
- (b) Child labour.
- (c) Unemployment.

9. Answer any ONE of the following : **(8)**

(a) Write a report on a workshop you attended on the importance of written communication in 21st Century.

(b) Write a report to a popular newspaper on the result of hunting animals for pleasure.

10. Use FOUR of the following idioms and phrases in your own sentences : **(8)**

- (a) Make up for
- (b) Pay off
- (c) A titanic struggle
- (d) Black sheep
- (e) Poke fun at
- (f) Prodigal son
- (g) drop off
- (h) Give in.

11. Answer any ONE of the following :

(8)

- (a) Write a dialogue between two friends discussing on measures to control terrorism.
- (b) Write a dialogue between a passenger, and a clerk in a railway station, who came to know the reservation details to go to New Delhi.
- (c) Write a letter to the editor of a news paper on the rash driving of lorry drivers.
- (d) Write a letter to your brother guiding him to plan his future career.

(DTEL 21)

B.A./B.Com./B.Sc./B.B.M./B.H.M. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part I — Telugu

Paper II — POETRY, PROSE, DRAMA, PROSODY, POETICS AND ESSAY

Time : Three hours

Maximum : 100 marks

1. దిగువ పద్యాల్లో ఒకదానికి ప్రతిపదార్థ తాత్పర్యాలు రాయండి :

(8)

- (a) అంధేందూదయముల్ మహా బధిర శంఖారావముల్ మూకస
ద్రంధా భ్యాసనముల్ నపుంసక వధూ కాంక్షల్ కృతస్నావళి
బంధుత్వంబులు భస్మహావ్యములు లుబ్ధ ద్రవ్యముల్ క్రోధ స
ద్గంధంబుల్ హరిభక్తి వర్జితల రిక్తవర్ణ సంసారముల్.
- (b) అన విని వ్రేటువడ్డ యుర గాంగనయుం బలె నేయి వోయ భ
గ్గన దరికొన్న భీషణ హ్రతాశన కీల యనంగ లేచి, హె
చ్చిన కనుదోయి కెంపు తన చెక్కులఁ గుంకుమ పత్ర భంగ సం
జనిత నవీన కాంతి వెదచల్లఁగ గద్గద ఖిన్న కంది యై.

2. కింది వాటిలో ప్రతి భాగం నుంచి రెండింటికి సందర్భసహిత వ్యాఖ్యలు రాయండి :

(4 × 3 = 12)

అ భాగం

- (a) విష్ణునందుల్లము చేర్చి తారడవి నుండుట మేలు
- (b) తొలి జన్మము నోముల ఫలము తోయడ నేత్రా
- (c) తేనె పూసిన కత్తి ధాత్రి సురుడు
- (d) అభిమానముఁ గూర్మియు నెందుబోయెనో

ఆ భాగం

- (a) ఈ కలలు కాగితపు పీలికలైరాలినవి

(b) తెలుగు లక్ష్మీ పాదాలకు వెలుగు పారాణినిడిరి

(c) దేశమొక దెస నీవు ఒకదెస

తేల్చుకొనుమెయ్యది ఘన

(d) లేస్తాంది ఉషకాంతుల్లో నుంచి ఒక హస్తం!

3. కింది వాటిలో ప్రతి భాగం నుంచి ఒకదానికి సమాధానం రాయండి :

(2 × 10 = 20)

అ భాగం

(a) ప్రహ్లాదుని విష్ణుభక్తి తత్పరతను వివరించండి.

(b) నిగమశర్మ అక్క పాత్ర స్వభావాన్ని విశ్లేషించండి.

ఆ భాగం

(a) 'ఆర్తగీతం' ఆధారంగా తిలక్ సామాజిక ఆర్థిని ప్రదర్శించ వేయండి.

(b) దాశరథి ఆంధ్రాభిమాన్ని వివరించండి.

4. కింది వాటిలో ప్రతి భాగం నుంచి ఒకదానికి సమాధానం రాయండి :

(2 × 10 = 20)

అ భాగం

(a) పానుగంటి వారి మాతృభాషాభిమానాన్ని విశదీకరించండి.

(b) రాయల నాటి జన జీవనాన్ని వివరించండి.

ఆ భాగం

(a) బహుకాల దర్శనంలో శ్రీరాములు పాత్ర విశిష్టతను పేర్కొనండి.

(b) పెద్దన వర్ణనా కౌశలాన్ని సోదాహరించండి.

5. దిగువ వాటిలో రెండింటికి సమాధానాలు రాయండి :

(2 × 10 = 20)

(a) బసవరాజు

(b) కమల

(c) పురుషోత్తమరావు

(d) వరవిక్రయం - సందేశం

6. కింది వాటిలో ఒకదానిని గూర్చి వ్యాసం రాయండి :

(10)

(a) నేటి సమాజంలో స్త్రీల స్థితిగతులు

(b) ప్రపంచీకరణ - సంస్కృతి పరిరక్షణ

(c) వ్యవసాయ పరిరక్షణ

7. (a) (i) కింది పద్యాపాదానికి గణవిభజన చేసి, ఛందస్సును గుర్తించి, యతిని పేర్కొనండి.

(5)

మోదముతోడ దైత్యకుల ముఖ్యుడు రమ్మన చీరబంచెఁచ

లేదా

(ii) కింది వాటిలో ఒకదానికి సోదాహరణంగా లక్షణాన్ని తెల్పండి.

- (1) శార్వాలం
(2) సీసం.
- (b) (i) కింది పద్యంలో అలంకారాన్ని తెల్పి లక్షణంతో సమన్వయించండి. (5)
- సుదతీ నూతన మదనా
మదనాగతురంగ పూర్ణ మణిమయ సదనా
సదనా మయ గజ రదనా
రదనాగేంద్రవిభ కీర్తి రస నరసింహ

లేదా

- (ii) కింది అలంకారాల్లో ఒకదానికి సోదాహరణంగా లక్షణం తెల్పండి.
- (1) ఉపమాలంకారం
(2) స్వభావోక్తి అలంకారం.

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B.Sc. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part II — Information Technology

Paper V — INTERNET AND MULTIMEDIA

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. (a) What is WWW? Explain in brief.
(b) Differentiate between Search Engine and Meta-Search Engine.
2. (a) Explain about the Frames in HTML.
(b) Explain the terms Userid, Password, mail address, Message Components.
3. (a) What are MIME types? Explain.
(b) What is URL? Explain.
4. (a) What is Anchor Tag? Explain the different types of Hyper-links?
(b) What is File Transfer? Explain different types of File Transfer.
5. (a) Explain in details about the way the Internet works?
(b) Explain the Client-Server relationship in E-mail.
6. (a) What is a Computer Virus? Explain the role of Computer Viruses in the Internet?

- (b) What are the different types of lists in HTML? Explain them with a suitable example.
7. (a) Write a short notes on CGI Scripts.
(b) What is Newsgroups? Explain Newsgroups Models.
8. (a) What are the merits of Dynamic documents over Static documents?
(b) Describe the significance of Web Graphics.
9. (a) Write a brief notes on Virtual Reality and 3D-modeling?
(b) Explain about E-business?
10. (a) Explain about Chat Rooms?
(b) Write a brief notes on Image Tags and Image Maps.

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B.Sc. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part II — Information Technology

Paper VI — DATABASE MANAGEMENT SYSTEM

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. (a) What are the responsibilities of the Database Administrators?
(b) Draw and explain the overall structure of a Database management system.
2. (a) What are the Axioms of functional dependency for relational databases given Armstrong?
(b) Differentiate between logical, conceptual and physical view of data with an diagram representing different levels.
3. (a) Define Entity and Entity set with an example.
(b) What are weak entity and strong entity sets?
(c) What are different mapping cardinalities?
4. (a) Write the queries in Relational Algebra and in SQL using database schema given below
Customers (cid, cname , city)
Agents (aid, aname ,city)
Products (pid, pname ,city ,quantity , price)
Order (orderno , month, cid,aid quantity, rupees)

- (i) List all the customer who live in the same city
 - (ii) List all customers who has placed maximum number of orders.
 - (iii) Print the customers who has placed maximum number of orders
 - (iv) List all the customers who belong to same agent.
 - (v) List all the agent name's whose ordered amount is maximum
- (b) Differentiate between 4NF and Functional dependency.
5. Explain the role of E-R modeling relational database design. Discuss with an example all the steps that are to be followed in designing good database structure.
6. (a) Distinguish between Super Key, Candidate Key and Primary Key.
- (b) Explain briefly about BCNF and multi valid dependency.
7. (a) Write short notes on :
- (i) B⁺ Trees.
 - (ii) Buffer Management.
- (b) Write about various transaction states with a state diagram and ACID properties?
8. (a) How is two-phase locking protocol implemented?
- (b) Write about stamp-based protocols?
9. (a) Explain about Deadlock Detection and Recovery.
- (b) Explain concurrency in Index Structures.
10. (a) Write short notes on :
- (i) Locks
 - (ii) Time stamps.
 - (iii) Thom's write rule.
- (b) Write about multiple Granularity.

(DSOS 21)

B.Sc. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part II — Information Technology

Paper VII — OPERATING SYSTEMS

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. (a) What is operating system? What is different view points of the operating system?
(b) Explain the following :
 - (i) Time-Sharing system
 - (ii) Multi-processor systems.
2. (a) Explain briefly of various system calls in the operating-system structure.
(b) Discuss about the Layered approach in the operating system.
3. (a) Explain the concept of Virtual Machines.
(b) Write briefly about schedulers in the process scheduling.
4. (a) What are the various operations on processes?
(b) What are the benefits of threads? Distinguish between user and kernel threads.
5. (a) Explain the following scheduling algorithms :
 - (i) SJF scheduling
 - (ii) Round Robin Scheduling
(b) Discuss about Deadlock Avoidance.
6. (a) Explain following page replacement algorithm :
 - (i) Optimal page Replacement
 - (ii) FIFO page Replacement.
(b) Distinguish between Single level Directory and Two-level Directory in File systems.
7. Explain briefly about Demand Paging and Various steps to handling a page fault.
8. Write short notes on :
 - (a) Thrashing.
 - (b) Multi-tasking.
 - (c) Internal and External Fragmentation.
 - (d) Real-Time Systems.
9. (a) What are the various access methods in the file systems?
(b) Describe the structure of file system.
10. (a) Write briefly about Free-Space Management.
(b) Explain the concept of Network File system.

B.Sc. DEGREE EXAMINATION, DECEMBER 2008.

(Examination at the end of Second Year)

Part II — Information Technology

Paper VIII — MANAGEMENT OF INFORMATION SYSTEMS

Time : Three hours

Maximum : 100 marks

Answer any FIVE questions.

All questions carry equal marks.

1. (a) What are the components of information systems?
(b) What is Cost-Benefit analysis? Explain.
 2. (a) What are procedure specification methods? Explain.
(b) Explain E-R Diagrams and draw the E-R diagram for Hospital Management system.
 3. (a) What are CASE tools? Explain.
(b) What are System objectives? Explain.
 4. Explain Graphical Modeling Tools with examples.
 5. (a) What are system design methodologies? Explain.
(b) Explain Evolutionary Development Cycle.
 6. Explain in brief what information system development plan is?
 7. (a) Explain Modularization Procedure Specifications.
(b) What are the different types of data files? Explain.
 8. (a) Explain Data Validation Techniques.
(b) Explain System Development Cycle Selection.
 9. (a) What is the role of experts in information system management? Explain.
(b) What are the common features of CASE and 4GLS?
 10. Write a short notes on :
 - (a) The Linear Cycle
 - (b) Decision Tables
 - (c) Physical model design Vs. Logical model design
 - (d) Training.
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