

(DICS31)

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B.A./B.Com./B.Sc.DEGREE EXAMINATION, DECEMBER- 2018

Third Year

SCIENCE & CIVILIZATION

Time :1½ Hour Maximum Marks :50

**SECTION –A**

**Answer any Two of the following in six lines.** (2 × 13 = 26)

**Q1)** Explain in detail about discoveries in the field of mathematics during 20<sup>th</sup> century.

20వ శతాబ్దంలో గణిత శాస్త్రంలో వివిధ ఆవిష్కరణలు గూర్చి తెలపండి.

**Q2)** Describe team work.

సమిష్టికృషిని వివరించండి.

**Q3)** Explain Egypt civilization.

ఈజిప్టు నాగరికతను వివరించండి.

**Q4)** Give an account on the effect of modern agriculture on environment.

ఆధునిక వ్యవసాయం వలన పర్యావరణం పై ప్రభావంను తెలపండి.

**Q5)** Explain the mechanism of RADAR.

రేడార్ పనిచేయు విధానమును వివరించండి.

**Q6)** Explain alternative energy sources .

ప్రత్యామ్నాయ శక్తి వనరులను వివరించండి.

**SECTION –B**

**Answer any three of the following.** (3 × 4 = 12)

**Q7) a)** Babylonians

బాబిలోనియన్స్

b) Natural medicines for Malaria.

మలేరియా-సహజ ఔషధాలు

c) Insulin

ఇన్సులిన్

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- d) AIDS  
ఎయిడ్స్
- e) Equinoxes  
ఈక్వినాక్సెస్
- f) Electric lamp  
ఎలక్ట్రిక్ ల్యాంప్
- g) Child labour  
బాలకార్మికులు
- h) Red data list  
రెడ్ డేటా బుక్
- i) Gun powder  
గన్ పౌడర్

**SECTION -C**

**Answer All questions.**

**(3 × 4 = 12)**

**Q8)** Fill in the blanks:

ఖాళీలను పూరింపుము :

- a) Two types of vitamins \_\_\_\_\_.  
విటమిన్ల రకాలు \_\_\_\_\_.
- b) Another Name for Vitamin- D \_\_\_\_\_.  
విటమిన్-D కు మరయొక పేరు \_\_\_\_\_.
- c) Pancreas function \_\_\_\_\_.  
పాంక్రియాస్ విధి \_\_\_\_\_.
- d) Types of fibres \_\_\_\_\_.  
పాగుల రకములు \_\_\_\_\_.

**Q9)** Choose the correct word.

సరియైన పదమును గుర్తించండి.

- a) Antipyretics for
  - i) Malaria
  - ii) Fever
  - iii) Joint pains
  - iv) Cough
  - ఆంటి పైరిటిక్స్ దేనికొరకు
- i) మలేరియా
- ii) జ్వరము
- iii) కీళ్లనొప్పలు
- iv) దగ్గు

- b) X- ray for  
i) To identify fractures of bones ii) Muscle problems  
iii) Cancer treatment iv) Fertilizers  
ఎక్స్రే లు దేనికొరకు  
i) ఎముకల పగుళ్ళను గుర్తించుటకు ii) కండరాల సమస్యలకు  
iii) కాన్సర్ ట్రీట్‌మెంట్‌కు iv) ఎరువులుగ
- c) Green Revolution started by  
i) M.S. Ramanadhan ii) Alexander Fleming  
iii) Norman Borlog iv) M.S. Swaminadhan  
హరిత విప్లవము ఎవరు మొదలు పెట్టారు.  
i) ఎమ్. ఎస్. రామనాథన్ ii) అలెగ్జాండర్ ఫ్లెమింగ్  
iii) నార్మన్ బోర్లాగ్ iv) ఎమ్. ఎస్. స్వామినాథన్
- d) Bio -mass energy.  
i) Bio -gas ii) Petrocorps  
iii) Ethanol iv) All of the above  
బయోమాస్ ఎనర్జీ  
i) బయోగ్యాస్ ii) పెట్రోకార్ప్స్  
iii) ఇథనాల్ iv) పైవన్నియు

**Q10)** Match the following :

- |                   |                    |
|-------------------|--------------------|
| a) Soil erosion   | i) Cancer          |
| b) Quinine        | ii) AIDS           |
| c) HIV            | iii) Deforestation |
| d) Radium Therapy | iv) Malaria        |

క్రింది వాటిని జతపరుచుము:

- |                      |               |
|----------------------|---------------|
| a) మృత్తిక క్రమక్షయం | i)కాన్సర్     |
| b) క్వినిన్          | ii)ఎయిడ్స్    |
| c) HIV               | iii)వనవినాశనం |
| d) రేడియం థెరపి      | iv)మలేరియా    |



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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**FOOD& BEVERAGE MANAGEMENT**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any five questions.**

**All questions carry equal marks.**

- Q1)** Explain the nature and significance of Food and Beverage Management.
- Q2)** Discuss the Standard recipes, Standard yields and standard portion sizes.
- Q3)** Explain the LIFO and FIFO process with merits and demerits.
- Q4)** Briefly explain about the purchase cycle.
- Q5)** Define 'Cost' and explain types of Costs.
- Q6)** What are the objectives of food Costing ? Explain types of food Cost reports.
- Q7)** Discuss the use of Computers in food Cost Control.
- Q8)** Write a note on controlling wastage.
- Q9)** Explain the legal requirements in purchasing of liquors?
- Q10)** Write a note on Standard Cost Control and Standard Revenue Control.

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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**ACCOMMODATION OPERATIONS**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any five questions.**

**All questions carry equal marks.**

- Q1)** Explain rule of thumb approach for fixing the rates of rooms.
- Q2)** Define front office. Discuss how to evaluate the front office operations.
- Q3)** Explain the methods for measuring the potentiality of operations of front office.
- Q4)** Explain the incentive plans in detail.
- Q5)** Define training. Discuss the objectives, need and prerequisites of training.
- Q6)** Explain the components of hotel income statements.
- Q7)** Write a note on redefining budgetary plans.
- Q8)** Explain various methods of performance appraisal.
- Q9)** Discuss the techniques of selection of employees.
- Q10)** Define revenue management. Discuss the different elements and objectives of revenue management.

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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**HOUSEKEEPING MANAGEMENT**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any five questions.**

**All questions carry equal marks.**

- Q1)** Define Hotel and explain the different types of guest rooms in a hotel.
- Q2)** Discuss the organisation structure of housekeeping department. (large only).
- Q3)** Explain the resorts maintained by Housekeeping department.
- Q4)** What is Communication? Explain its types.
- Q5)** Discuss the classification and uses of chemical agents.
- Q6)** Explain the manual and electrical equipments used in cleaning.
- Q7)** What is a work card? Discuss the types of cleaning routine in detail.
- Q8)** Write a note on turn down service and servicing of vacant rooms.
- Q9)** Discuss the process involved in cleaning of various metals and surfaces.
- Q10)** Describe the process involved in cleaning of food service areas.

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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**INFORMATION TECHNOLOGY FOR HOTEL MANAGEMENT**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any five questions.**

**All questions carry equal marks.**

- Q1)** Discuss the role of Computers in management of Restaurant and Housekeeping.
- Q2)** Describe the functions of MIS and its significance in management.
- Q3)** Write a note on data life cycle and highlight its importance.
- Q4)** Define Management. Discuss its functions in detail.
- Q5)** Explain the steps of implementation and maintenance in system development.
- Q6)** “MIS is a Central subsystem”. Explain.
- Q7)** Discuss batch processing and online processing.
- Q8)** What is topology? Explain the types with the help of diagrams.
- Q9)** Differentiate between-
- a) Programmable and Non-programmable decisions.
  - b) Structured and Unstructured decisions.
- Q10)** Discuss the role of IT in Inventory management.

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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**COMMUNICATION&SOFT SKILLS**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any Five questions.**

**All questions carry equal marks.**

- Q1)** Explain the importance and characteristics of Communication.
- Q2)** What do you mean by ‘Barrier’ to Communication? State different Barriers to effective Communication.
- Q3)** Explain different parts of business letters.
- Q4)** Explain the procedure of report writing.
- Q5)** Describe the main Contents of minutes of a meeting.
- Q6)** ‘Clarity and precision is the essence of writing any business letter’. Explain.
- Q7)** What is interpersonal communication? Explain the significance and Principles of inter personal Communication skills.
- Q8)** Explain the various limitations in interpersonal communications.
- Q9)** What are the different dimensions or directions in which communication may happen in an organisation?
- Q10)** State the various physical aspects of a letter of enquiry.

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**B.H.M.DEGREE EXAMINATION, DECEMBER– 2018**

**Third Year**

**HOTEL ENGINEERING& MAINTENANCE**

**Time :3 Hours**

**Maximum Marks :70**

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**Answer any five questions.**

**All questions carry equal marks.**

- Q1)** Explain the duties and responsibilities of maintenance department in hotel industry.
- Q2)** Discuss nature and importance of hotel engineering.
- Q3)** Write about equipment replacement policy and its circumstances when equipment is obsolete.
- Q4)** Define a contract. Explain price rate Contract and service Contract.
- Q5)** Explain types of plumbing equipment.
- Q6)** Discuss materials used in Construction of walls.
- Q7)** Write about reasons and prevention of dampness.
- Q8)** Explain in detail about preventive and breakdown maintenance.
- Q9)** Explain types of traps and its uses.
- Q10)** What are the objectives of Commercial housekeeping and maintenance? Highlight its importance.

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