Form No. Ex- 8

Particulars about the candidate and the subject are checked thoroughly and corrected where necessary.

Invigilator

Sl. No..... **095**

CENTRE ROLL:.....

Signature of Officer-in-Charge

KRISHNA KANTA HANDIQUI STATE OPEN UNIVERSITY

BBA 3rd Semester Examination 2014

Course : 10

(Production & Operation Management)

Enrolment Number | | | | | | | | | | | | **Year** | |

Medium of Answer : |

INSTRUCTIONS TO CANDIDATES

1. This booklet contains...20..... Pages numbering..19.....
2. An Examinee is allowed to bring only Admission Card and Identity Card to the Examination Hall. Any Examinee found in possession of loose papers, books etc. is liable to be Expelled.
3. Enrolment No. and Medium of answer must be written legibly at the specified places. Examinee's name and any other identifying mark which reveals examinees identity shall not be written anywhere in the script.
4. For Making calculations, only the last page provided for rough work shall be used.
5. No pages of the script be torn out .
6. Calculators will not be allowed for making calculations in the examination hall. ***MOBILE PHONES are strictly prohibited in the examination Centre.***
7. No candidate will be allowed to leave or go out of the hall during the First hour of the Examination.
8. A candidate having completed his/her answer, the script must be handed over, to an invigilator before leaving the hall.
9. Contravention of any of the instructions mentioned above shall render a candidate liable for disciplinary action as per regulations of the University.

Question No.	Marks
Total=	

Examiner's Signature_____

Scrutiniser's Signature_____

Head Examiner's Signature:_____

BBA 3rd Semester Examination 2014
Course : 10
(Production & Operation Management)

Time : 3 Hrs. Full Marks : 80

1. Answer the following questions very briefly: 1×8 = 8

(a) State two types of 'process design'.

(b) Define 'plant layout'.

(c) What is 'job design'?

(d) What is 'mass production'?

(e) What is 'job enlargement'?

(f) What is 'Bill of material'?

(g) What is 'job enrichment'?

(h) State any two elements of production planning and control process.

2. Answer the following questions: $2 \times 8 = 16$

(a) What is supply chain management?

(b) What is 'Cellular Manufacturing Process'?

(c) What is 'routing' process?

(d) When do we call a product as a new product?

(e) What is 'Design for manufacturing'?

(f) State two types of inspection process.

(g) What is 'quality cost'?

(h) What is ABC analysis?

3. Answer any five questions from the following: 4×5 = 20

(a) Define production and operation management. Also explain the production system. 2+2 =4

(b) What are the different primary factors affecting plant location decisions? Discuss.

(c) What are different advantages and disadvantages of mass production? Explain with examples.

(d) Discuss job design process.

(e) What is Fixed order quantity and Fixed-Time-Period Inventory Management System?

(f) Explain the interrelationship among product design, process design and inventory policy.

(g) Write and explain any four types of automation.

4. Answer any two questions from the following: 8×2 = 16

(a) Explain the basic concept of Economic Order Quantity (EOQ). Also discuss different types of inventory process. 4+4=8

(b) Explain the basic concept of Material Requirement Planning with the help of an example. 8

(c) What is job shop production? Discuss its advantages and disadvantages. 2+3+3=8

5. Answer any two questions from the following: $10 \times 2 = 20$

(a) Explain the process of New Product Development. Why quality is important in production managenent? 5+5=10

(b) Explain various causes of quality failure.

(c) What is method study? prepare a method study design chart and explain it. 2+8=10