

V

(20516)

Roll No.

BBA-VI Sem.

18068

B.B.A. Examination, May 2016

**STRATEGIC MANAGEMENT AND
BUSINESS POLICY**

(BBA-602)

(New)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions of this Section.

Each question carries 3 marks. Very short answer

is required not exceeding 75 words. $3 \times 5 = 15$

1. Explain the concept of Synergy.
2. What do you mean by policy making in business?

25

(2)

3. Define objective in business terminology.
4. Briefly outline corporate strategy.
5. Outline the concept of strategic planning.

Section-B

(Short Answer Questions)

This Section contains three questions, attempt any *two* questions. Each question carries $7\frac{1}{2}$ marks.
Short answer is required. $7\frac{1}{2} \times 2 = 15$

6. Explain nature and importance of business policy.
7. Explain the concept of strategy evaluation.
8. Explain types of objectives and their overall hierarchy.

Section-C

(Detailed Answer Questions)

This Section contains five questions, attempt any *three* questions. Each question carries 15 marks.
Answer is required in detail. $15 \times 3 = 45$

9. Explain business policy and its mechanism. Can

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(3)

you outline the policies with respect to any of the MNC organisation of your choice.

10. Explain in detail setting of objectives and the key areas involved in setting of objectives.
11. Explain what do you understand by the concept of long term planning and strategic planning.
12. Explain the concept, process and factors effecting strategy formulation.
13. Bring a note in detail explaining different types of synergy along with evaluation of synergy.

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(4)

10. What do you mean by project scheduling? Assume that a software development group has been asked to build a real-time controller for a medical diagnostic instrument that is to be introduced to the market in nine months. After careful estimation and risk analysis, the software project manager comes to the conclusion that the software, as requested, will require 14 calendar months to create with available staff. How does the project manager proceed? 15
11. Discuss the various levels of classical waterfall model. 15
12. How is software design different from software coding? 15
13. Answer the following : 15
- (a) Line of code
 - (b) Function points
 - (c) Egoless programming
 - (d) CASE tools
 - (e) Decision tree.

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Roll No.

BCA - VI Sem.

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B. C. A. Examination, May 2018

**Information System Analysis Design &
Implementation**

(BCA-602)

(New)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required not exceeding 75 words. $3 \times 5 = 15$

1. List the advantages of prototype model of software development. 3

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(2)

2. Mention the importance of requirement analysis in a software development life cycle. 3
3. State the benefits of E-R diagram. 3
4. Describe the disadvantages of Waterfall model. 3
5. List the different software size estimation techniques. 3

Section-B

(Short Answer Questions)

Attempt any *two* questions out of the following three questions. Each question carries $7\frac{1}{2}$ marks. Short answer is required not exceeding 200 words.

$$7\frac{1}{2} \times 2 = 15$$

6. Answer the following : $7\frac{1}{2}$
 - (a) Describe the key concept of object oriented programming.

Or

- (b) Estimate the responsibilities of a software project manager.

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(3)

7. Answer the following : $7\frac{1}{2}$

- (a) What do you mean by size of software ? Why does a project manager need to estimate the size of a project ?

Or

- (b) Determine the advantage of using Spiral software development model instead of waterfall model.

8. Explain the following : $7\frac{1}{2}$

- (i) Class
 - (ii) Object
 - (iii) Attribute.

Section-C

(Detailed Answer Questions)

Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail. $15 \times 3 = 45$

9. What is the significance of structure analysis in software development life cycle ? 15

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Roll No.

Total Questions : 13]

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B.C.A. VIth Semester Examination, May-2019

**INFORMATION SYSTEM ANALYSIS
DESIGN AND IMPLEMENTATION**

(BCA-602)

Time : 3 Hrs.]

[M.M. : 75

Note :- Attempt all the Sections as per instructions.

Section-A

(Very Short Answer Type Questions) $3 \times 5 = 15$

Note :- Attempt all the *five* questions. Each question carries 3 marks. Very short answer is required not exceeding 75 words.

1. What are the various duties performed by DBA ?
2. What are the feasibility analysis check points in the development cycle ?

NA-575

(1)

Turn Over

3. Explain various characteristics of a system.
4. State the benefits of E-R diagram.
5. What is project scheduling ?

Section-B

(Short Answer Type Questions) $7\frac{1}{2} \times 2 = 15$

Note :- Attempt any *two* questions out of the following three questions. Each question carries $7\frac{1}{2}$ marks. Short answer is required not exceeding 200 words.

6. Explain the SDLC with diagram.
7. Explain the software, product and process quality with example.
8. Describe the key concept of object oriented model.

Section-C

(Long Answer Type Questions) $15 \times 3 = 45$

Note :- Attempt any *three* questions out of the following five questions. Each question carries 15 marks. Answer is required in detail.

9. What is structured system analysis and design ?
Explain the process of SSAD.

NA-575

(2)

10. (a) What do you mean by Joint Application Design (JAD) ?

- (b) What are the various advantages and disadvantages of waterfall model ?

11. Differentiate between :

- (i) Direct and Indirect Costs
- (ii) Fixed and Variable Costs
- (iii) Opportunity and Sunk Costs.

12. (a) Differentiate between PERT and CPM.

- (b) Differentiate between project planning and project monitoring.

13. Write short notes on the following :

- (i) Decision tree
- (ii) Sequence diagram
- (iii) Line of code
- (iv) Function point metrics
- (v) Attribute.

NA-575

(3)

10. (a) Outline the characteristics of basic
COCOMO MODEL. 7½

(b) Give detail of various design components which are used to prepare DFD
of a system. 7½

11. Explain the following: 5×3=15

(1) Line of Code

(2) Function points

(3) Decision Tree

12. With a neat diagram explain the building blocks of CASE tool for software engineering. 15

13. Differentiate between the following:

(1) E-R diagram and DFD 5×3=15

(2) Dynamic modeling and Functional modeling

(3) Waterfall model and Spiral model

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Roll No.

BCA-VI Sem.

18027

B.C.A. Examination, May 2017

**Information System Analysis Design and
Implementation**

(BCA-602)

(New)

Time : Three Hours]

[Maximum Marks : 75

Note: Attempt questions from all Sections as per instructions.

Section-A

(Very Short Answer Questions)

Note: Attempt all the **five** questions. Each question carries **3** marks. Very short answer is required not exceeding **75** words.

3×5=15

P.T.O.

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1. What do you mean by system analysis and system design? 3
2. Explain the importance of software requirements analysis. 3
3. Discriminate between risk analysis and feasibility analysis. 3
4. Define the benefits of object oriented analysis over structured analysis. 3
5. Define software process with suitable example. 3

Section- B

(Short Answer Questions)

Note: Attempt **all** the **two** questions out of the following three questions. Each question carries **7½** marks. Short answer is required not exceeding 200 words.

$$7\frac{1}{2} \times 2 = 15$$

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6. Explain the key attributes of a system analyst for software development. 7½
7. Determine the advantage of using Prototype software development model instead of Waterfall model? 7½
8. Discuss the size and cost estimation methods of a software project. 7½

Section- C

(Detailed Answer Questions)

Note: Attempt **all** the **THREE** questions out of the following **five** questions. Each question carries **15** marks. Answer is required in detail.

$$15 \times 3 = 45$$

9. (a) Differentiate between Cohesion and Coupling. 7½
- (b) With a suitable diagram explain the working of Spiral model. 7½

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P.T.O.

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13. Write short notes on :

- (i) Process Design
- (ii) Decision Tree
- (iii) Line of code
- (iv) Polymorphism
- (v) Attribute

A (Printed Pages 4)
(20620) Roll No.....
BCA-VI Sem.

18027 (CV)

**B.C.A. VIth Semester Examination,
June-2020**

**INFORMATION SYSTEM ANALYSIS
DESIGN AND IMPLEMENTATION**

(BCA-602)

(NEW)

Time : Two Hours] [Maximum Marks : 75

Note : Attempt **all** the Sections as per instructions.

Section - A

(Very Short Answer Type Questions)

Note: Attempt **any four** questions.
Each question carries 3.75 marks.
Very Short Answer is required not exceeding 75 words. $3.75 \times 4 = 15$

P.T.O.

1. Define the characteristics of a system.
2. Explain 'Analysis' and 'Design' phases of SDLC.
3. Explain the concept of RAD model.
4. Mention various steps in drawing DFD.
5. What do you mean by Feasibility study?

Section - B

(Short Answer Type Questions)

Note : Attempt any **one** question out of the following **three** questions. Each question carries 15 marks. Short answer is required not exceeding 200 words. $1 \times 15 = 15$

6. What are the various techniques used in SSADM?
7. What is Prototyping? Why do we need such a technique.
8. Explain various steps used in object oriented analysis.

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Section - C

(Long Answer Type Questions)

Note : Attempt any **Two** questions out of the following **Five** questions. Each question carries 22.5 marks. Answer is required in detail. $2 \times 22.5 = 45$

9. What are CASE tools? How does CASE support in software life cycle.
10. Explain the different categories of maintenance in the SDLC.
11. What is Risk analysis? What are the various risk that can result in project failure?
12. (a) What do you mean by Joint Application Design (JAD)?
(b) What are the various advantages and disadvantages of waterfall model?

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P.T.O.