BCA DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, APRIL 2022

Sixth Semester

Bachelor of Computer Applications

CORE COURSE - CA6CRT04 - CLOUD COMPUTING

2017 Admission Onwards

74FEF0AF

Time: 3 Hours   Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are the advantages of cloud computing?

2. List the various cloud computing platforms and technologies.

3. Explain SIMD architecture.

4. What are the advantages of virtualization?

5. What is server virtualization?

6. Differentiate between the different types of Cloud Computing services.

7. Write the advantages of using a private cloud.

8. List the types of services hosted inside the Aneka container.

9. List the services hosted in a storage node.

10. What is Sphere?

11. What is the function of EC2 environment?

12. What is function of web role in Microsoft Azure?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Explain the call and return architecture in distributed computing.

14. Explain the role of virtualization in cloud computing.

15. What is hypervisor? Explain the different components of hypervisor.

16. Explain the characteristics of PaaS solutions.

17. Explain the different pricing models for cloud computing.

18. Write a note on Aneka application and service Model.

19. Explain any two NoSQL systems that supports data-intensive computing.

20. Discuss the application of cloud computing in geoscience.

21. Explain Dropbox and iCloud.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. What is Zen? Explain its architecture.

23. Explain Infrastructure-as-a-service reference model.

24. What is data intensive computing? Provide a historical perspective on the most important technologies that supports data-intensive computing.

25. Discuss the different services offered by Google AppEngine.

(2×15=30)

B.Sc / BCA DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, APRIL 2022

Sixth Semester

CORE COURSE - CS6CRT15 - MOBILE APPLICATION DEVELOPMENT- ANDROID

Common for B.Sc Information Technology Model III & Bachelor of Computer Applications

2017 Admission Onwards

1E7AE264

Time: 3 Hours   Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1.   What is the role of JDK in Android Application development ?

2.   List the components of a .dex file.

3.   List out Layout Managers in Android.

4.   What is the use of Grid view?

5.   List any four properties of DatePicker.

6.   What do you mean by Activity Life cycle?

7.   What are the network protocols supported in audio and video playback?

8.   Which feature of SQLite signifies storage for Mobile Application Development?

9.   What are the parameters used in insert () method?

10.   Write the syntax of query() method.

11.   Write the syntax of JSON.

12.   How do we identify the current user location?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13.   Why Android is used in mobile application?

14. Briefly explain Android Application Framework and its basic components.

15. Why do we use Toast alert ? Explain with an example.

16. Create an application that will pass one number to the next screen, and on the next screen shows the double of that number.

17. Explain intent. Explain how intents are created?

18. What are the classes used to play Audio and Video in Android?

19. What is the need for BroadcastReceiver while scanning wi-fi ?

20. Write a java and xml code to delete the details of student from sqlite table student(regno, name, address) whose regno is given.

21. With the help of the java code, explain how maps can be added to the app?

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write notes on a)Android Virtual Device (AVD) b) Android Emulators

23. Explain the following:
    a. Check Box   b. Radio Button   c. Radio Group   d.Toggle Button e. Progress Bar

24. Explain in detail Service and Broadcast life cycle with a neat diagram.

25. Differentiate and compare between XML & JSON with example.

(2×15=30)

QP CODE: 22101221

Reg No : ....

Name : ....

BBA DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS, APRIL 2022

Sixth Semester

Bachelor of Business Administration

CORE - BA6CRT29 - STRATEGIC MANAGEMENT

2017 Admission Onwards

ADA276C8

Time: 3 Hours   Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1.   What is SBU?

2.   What is strategic intent?

3.   Expand SWOT analysis.

4.   Explain IFAS.

5.   Explain Generic Strategy.

6.   Explain Human Resource Strategy.

7.   Explain contingency Strategy.

8.   What is Strategy Implementation?

9.   What is Organizational Culture?

10. What is Amalgamation?

11. Explain Portfolio Strategy.

12. What is the small scale industry?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Briefly explain 7 S Framework.

14. Explain the relevance of Corporate policy in the present scenario.

15. Describe the process of Internal and External environmental scanning.

16. Write a note on Primary Activities.

17. Distinguish between Vertical and Horizontal Integration.

18. Explain different types of organisation structure.

19. Explain the features of Turnaround strategies.

20. Define benchmarking . Explain the types of bench marking.

21. What are the strategic issues involved in non profit organisation?

(6×5=30)

Part C

Answer any **two** *questions.*

Each question carries **15** *marks.*

22. Define strategic management. Explain its benefits and limitations.

23. Write a detailed note on Industry Analysis.

24. What is meant by Strategy Formulation? Explain the steps involved in Strategy Formulation.

25. Explain the barriers to strategic evaluation. Suggest measures to overcome them.

(2×15=30)