

09/08/23

Printing Pages : 1

Paper Code : DCS-602

(A) (SVSU:2021-2022/S)

Enrollment No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Diploma In Engg (CS)

III YEAR/ VI SEMESTER EXAMINATION
DEVELOPMENT OF ANDROID APPLICATIONS

[Time: 2:30 Hours]

[Max. Marks: 50]

Note/Instructions: Additional sheets may be used, if required.

i. Attempt all questions as per given instructions.		
ii. Marks are indicated against each section.		
iii. Assume missing data if any.		
Ques.1	Answer ANY TWO of the following questions	(5X 2=10)
(a)	How to create AVD's? Explain the various types of android applications.	
(b)	Discuss in detail about android application components.	
(c)	What is fragments? Explain fragments life cycle.	
Ques.2	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What is intent? Explain the types of intents in android with example.	
(b)	Discuss in detail about content providers.	
(c)	Distinguish between fragment and activity.	
Ques.3	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What is broadcast receiver?	
(b)	Describe the Android architecture in detail.	
(c)	Explain different kinds of threading.	
Ques.4	Answer ANY TWO of the following questions	(5X 2=10)
(a)	Discuss the need of permissions in Android.	
(b)	What is requirement of Kernel layer in Android architecture?	
(c)	What is Android Runtime? Also explain Android Virtual Device.	
Ques.5	Answer ANY TWO of the following questions	(5X 2=10)
(a)	Explain view. Also explain grid view and web view.	
(b)	Differentiate between JVM and DVM .	
(c)	What are the core building blocks of android?	

12/08/23

Printing Pages : 1

Paper Code : DCS-603

(C) (SVSU:2021-2022/S)

Enrollment No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Diploma In Engg (CS)
III YEAR/ VI SEMESTER EXAMINATION
CLOUD COMPUTING

[Time: 2:30 Hours]

[Max. Marks: 50]

Note/Instructions: Additional sheets may be used, if required.

i. Attempt all questions as per given instructions.		
ii. Marks are indicated against each section.		
iii. Assume missing data if any.		
Ques.1	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What are the benefits of cloud computing?	
(b)	What are Hybrid clouds?	
(c)	What is on-demand functionality? How is it provided in cloud computing?	
Ques.2	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What is public cloud?	
(b)	Why API's is used in cloud services?	
(c)	What is the difference between scalability and elasticity?	
Ques.3	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What do you mean by VPN? What does it contain?	
(b)	How to secure your data for transport in cloud?	
(c)	What is virtualization?	
Ques.4	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What are the benefits of cloud computing?	
(b)	What are the different platforms of cloud architecture?	
(c)	What is a cloud?	
Ques.5	Answer ANY TWO of the following questions	(5X 2=10)
(a)	What are the different layers in cloud computing? Explain working of them.	
(b)	What is the usage of virtualization platform in implementing cloud	
(c)	What is cloud computing?	

Printing Pages : 1 Paper Code: DCS-604

(A) (SVSU) : 2022-2023/R

ENROLLMENT No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

DIPLOMA (CS)
3rd YEAR 6th SEMESTER EXAMINATION
DOT NET TECHNOLOGY

[Time : 02:30 Hours]

[Max. Marks : 50]

Note/Instructions: Additional sheets may be used, if required.

- i. Attempt all questions as per given instructions.
- ii. Marks are indicated against each section.
- iii. Assume missing data if any.

- Ques.1** Answer **ANY TWO** of the following questions (5X 2=10)
- (a) What is the type casting explain with a program and explain the variable also with program?
 - (b) Explain what is the use of connection classes, command classes, and data reader?
 - (c) What is the ADO .net and explain data provider and data set ?
- Ques.2** Answer **ANY TWO** of the following questions (5X 2=10)
- (a) Explain dot net technology.
 - (b) Write a note on Garbage Collection and give its benefits.
 - (c) Write a note in Metadata.
- Ques.3** Answer **ANY TWO** of the following questions (5X 2=10)
- (a) Write syntax for creating a web control in ASP.NET.
 - (b) Write in detail about MSIL.
 - (c) What do you mean by SQL server?
- Ques.4** Answer **ANY TWO** of the following questions (5X 2=10)
- (a) Explain the various steps to connect the database.
 - (b) Explain ASP .Net with example.
 - (c) What is variable? How we can declare it?
- Ques.5** Answer **ANY TWO** of the following questions (5X 2=10)
- (a) What are the features of .NET framework?
 - (b) Explain in detail: a) CLR b) CTS
 - (c) What is an ADO.Net data provider? Explain various types of data providers available

[illegible]

[Max. Marks: 50]

Note/Instructions: Additional sheets may be used, if required.

- Note/Instructions:** Additional instructions may be given in the question paper.
- Attempt all questions as per given instructions.** दिए गए निर्देशों के अनुसार सभी प्रश्नों का प्रयास करें।
 - Marks are indicated against each section.** प्रत्येक खंड के खिलाफ निशान दर्शाए गए हैं।
 - Assume missing data if any.** अनुपस्थित डेटा मान लें यदि कोई हो।
- (5X 2 = 10)

(5X 2=10)

- (5X 2=10)**

(5X 2=10)

- (5X 2=10)**

(5X 2=10)

- (5X 2=10)**

(5X 2=10)

- (5X 2=10)**

(5X 2=10)

- es.5 Answer **ANY TWO** of the following :
- (a) What are the various functions performed by the entrepreneurs?
उद्यमियों द्वारा किए जाने वाले विभिन्न कार्य क्या हैं?
- (b) What are the various forms of organizations? संगठनों के विभिन्न रूप क्या हैं?
- (c) What is the project report? What are the various heads of project report?
प्रोजेक्ट रिपोर्ट क्या है? परियोजना रिपोर्ट के विभिन्न शीर्षक क्या हैं?
