

# GSECL Junior Programmer Question Paper 2022

Roll No.	
Registration No:	
Participant Name:	
Test Center Name:	
Test Date:	26/06/2022
Test Time:	12:30 PM - 2:30 PM
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## Section : Gujarati Language & Grammar

Q.1 'વાટ - વાટ' નો યોગ્ય શબ્દભેદ શોધો

Ans ✗ 1. સમય- રાહ

✗ 2. રસ્તો - નૂકસાન

✗ 3. સંદેશ - વહન

✓ 4. રાહ - દિવેટ

Question ID : 944811110

Q.2 નીચેનામાંથી અશુદ્ધ વિધાન શોધો

Ans ✗ 1. તમે વાડીએ જાવ

✗ 2. મારે તમારું કામ છે

✓ 3. સવિનય સાથ જણાવવાનું કે...

✗ 4. તમારું ભલું થાવ

Question ID : 944811109

Q.3 'એનો કોઈ ભેદ સમજી શકે નહીં' વિધાનને પ્રશ્નાર્થ બનાવો

Ans

- ✓ 1. એનો ભેદ કોણ સમજી શકે?
- ✗ 2. એનો ભેદ કોઈ સમજી શકે નહીં
- ✗ 3. એનો ભેદ બધા સમજી શકે નહીં !
- ✗ 4. એનો ભેદ તો તમે જ સમજી શકો

Question ID : 944811107

Q.4 'ફાળ પડવી' રૂઢિપ્રયોગનો અર્થ આપો

Ans

- ✓ 1. આઘાત લાગવો
- ✗ 2. ફેડકો મારવો
- ✗ 3. ફાળ આવવાં
- ✗ 4. પાપ લાગવું

Question ID : 944811105

Q.5 નીચેનામાંથી કયું વિધાન સાચું છે?

Ans

- ✗ 1. પુત્રના લક્ષણો પારણામાં
- ✓ 2. રામનાં ચરણો પખાળ્યાં
- ✗ 3. દશરથના વચનો
- ✗ 4. રામનાં અશ્વો આવ્યા

Question ID : 944811111

Q.6 નીચેનામાંથી શુદ્ધ વિધાન શોધો

Ans

- ✗ 1. અહીં થૂંકશો, નહીં થૂંકનારને સજા થશે
- ✗ 2. બાળક હસતું સૌને ગમે
- ✓ 3. સિક્કાર્થ અને યશોધરા ગયાં
- ✗ 4. રાજા, રાણી અને કુંવર ગયા

Question ID : 944811108

Q.7 'હરકત' શબ્દનો સમાનાર્થી કયો નથી?

- Ans
- ☒ 1. વાંધો
  - ☒ 2. નડતર
  - ☒ 3. અડચણ
  - ☒ 4. હરખ

Question ID : 944811102

Q.8 'સારું - સારુ' નો સાચો અર્થભેદ કયો?

- Ans
- ☒ 1. સરસ- માટે
  - ☒ 2. માટે - સરસ
  - ☒ 3. કઠોર - કઠણ
  - ☒ 4. નરસું - કોમળ

Question ID : 944811106

Q.9 'દિવસનો કાર્યક્રમ' શબ્દસમૂહ માટે એક શબ્દ શોધો

- Ans
- ☒ 1. દીવાસળી
  - ☒ 2. આયોજન
  - ☒ 3. રાતપાળી
  - ☒ 4. દિનચર્યા

Question ID : 944811104

Q.10 'જયેષ્ઠ' શબ્દનો અસલ વિરોધી શબ્દ કયો?

- Ans
- ☒ 1. કનિષ્ઠ
  - ☒ 2. નાનું
  - ☒ 3. મધ્યમ
  - ☒ 4. મોટું

Question ID : 944811103

Section : General Knowledge

**Q.11** How much percentage of energy from renewable resources by 2030 was promised by Prime minister Narendra Modi at COP26 summit held in 2021?

- Ans
- ☒ 1. 100%
  - ☒ 2. 50%
  - ☒ 3. 75%
  - ☒ 4. 25%

Question ID : 944811113

**Q.12** As on 2022, who is the Minister of Micro, Small and Medium Enterprises?

- Ans
- ☒ 1. Raj Kumar Singh
  - ☒ 2. Narayan Rane
  - ☒ 3. Narendra Singh Tomar
  - ☒ 4. Piyush Goyal

Question ID : 944811116

**Q.13** Joint military exercise SAMPRITI-X was conducted in June 2022 between India and \_\_\_\_\_.

- Ans
- ☒ 1. Bangladesh
  - ☒ 2. Afghanistan
  - ☒ 3. Sri Lanka
  - ☒ 4. China

Question ID : 944811119

**Q.14** The Make in India initiative was launched by Prime Minister in \_\_\_\_\_.

- Ans
- ☒ 1. 2014
  - ☒ 2. 2013
  - ☒ 3. 2016
  - ☒ 4. 2015

Question ID : 944811115

**Q.15** In which of the following years Mahatma Gandhi was named president of the Congress Party, and he served for a year?

- Ans
- ☒ 1. 1924
  - ☒ 2. 1929
  - ☒ 3. 1933
  - ☒ 4. 1936

Question ID : 944811114

Q.16 In the year March 2022, which of the following neighboring countries have agreed to conduct a joint study on the Comprehensive Economic Partnership Agreement (CEPA) at a commerce secretary-level talk with India?

- Ans
- ☒ 1. Sri Lanka
  - ☒ 2. Bangladesh
  - ☒ 3. Afghanistan
  - ☒ 4. Myanmar

Question ID : 944811118

Q.17 What is the full form BCCI, which is the national governing body for cricket in India?

- Ans
- ☒ 1. Board of Cricket Committee of India
  - ☒ 2. Board of Control for Cricket in India
  - ☒ 3. Board of Committee for Cricket in India
  - ☒ 4. Bureau of Control for Cricket in India

Question ID : 944811112

Q.18 Mookambika Wildlife Sanctuary is located in which of the following states?

- Ans
- ☒ 1. Kerala
  - ☒ 2. Karnataka
  - ☒ 3. Telangana
  - ☒ 4. Tamil Nadu

Question ID : 944811117

Q.19 'The National Herald newspaper' was founded by \_\_\_\_\_.

- Ans
- ☒ 1. Indira Gandhi
  - ☒ 2. Syama Prasad Mukherjee
  - ☒ 3. Deendayal Upadhyaya
  - ☒ 4. Jawaharlal Nehru

Question ID : 944811121

Q.20 Ethiopia is part of which of the following continents?

- Ans
- ☒ 1. Africa
  - ☒ 2. South America
  - ☒ 3. Asia
  - ☒ 4. Europe

Question ID : 944811120

Q.21 Select the correct synonym of the given word.

Indignation

- Ans
- ☒ 1. Vanity
  - ☒ 2. Despair
  - ☒ 3. Depression
  - ☒ 4. Resentment

Question ID : 944811127

Q.22 Select the correctly spelt word.

- Ans
- ☒ 1. Mislaneous
  - ☒ 2. Miscellanious
  - ☒ 3. Miscellaneous
  - ☒ 4. Missllanious

Question ID : 944811130

Q.23 Select the misspelt word.

- Ans
- ☒ 1. acquaintance
  - ☒ 2. hindrance
  - ☒ 3. professional
  - ☒ 4. occurence

Question ID : 944811131

Q.24 Fill in the blank with the most appropriate word.

\_\_\_\_\_ poet and \_\_\_\_\_ dramatist has been honoured for his great work.

- Ans
- ☒ 1. The, the
  - ☒ 2. The, no word
  - ☒ 3. A, the
  - ☒ 4. A, a

Question ID : 944811124



Q.25 Select the correctly spelt word.

- Ans
- ☒ 1. Mashinary
  - ☒ 2. Machinary
  - ☒ 3. Machinery
  - ☒ 4. Machinry

Question ID : 944811129

Q.26 Select the correct antonym of the given word.

Vexation

- Ans
- ☒ 1. Happiness
  - ☒ 2. Irritation
  - ☒ 3. Annoyance
  - ☒ 4. Agitation

Question ID : 944811128

Q.27 Fill in the blank with the most appropriate word.

He insisted \_\_\_\_\_ dropping me home after the party.

- Ans
- ☒ 1. for
  - ☒ 2. to
  - ☒ 3. of
  - ☒ 4. on

Question ID : 944811125

Q.28 Fill in the blank with the most appropriate word.

Half \_\_\_\_\_ hour later, \_\_\_\_\_ same man was found dead in his home.

- Ans
- ☒ 1. an, a
  - ☒ 2. a, no word
  - ☒ 3. a, a
  - ☒ 4. an, the

Question ID : 944811123

Q.29 Fill in the blank with the most appropriate word.

He began his career as \_\_\_\_\_ ordinary lawyer but retired as \_\_\_\_\_ Chief Justice of India.

- Ans
- ☒ 1. an, a
  - ☒ 2. an, the
  - ☒ 3. a, a
  - ☒ 4. the, the

Question ID : 944811122

Q.30 Fill in the blank with the most appropriate word.

I experienced a feeling akin \_\_\_\_\_ remorse.

- Ans
- ☒ 1. to
  - ☒ 2. by
  - ☒ 3. with
  - ☒ 4. of

Question ID : 944811126

Section : Computer Engineering

Q.31 Which of the following statements is/are True about *Bootstrap*?

- (i) It is a mobile first front-end framework for web development.
- (ii) It was developed by Mark Otto and Jacob Thornton.

- Ans
- ☒ 1. (ii) only
  - ☒ 2. (i) only
  - ☒ 3. Both (i) and (ii)
  - ☒ 4. Neither (i) nor (ii)

Question ID : 944811165

Q.32 Which of the following statements is/are True about *Responsive Web Design*?

- (i) Responsive layouts automatically accommodate and adjust the web contents to any device's screen size.
- (ii) The *img-resp* class makes the image responsive.

- Ans
- ☒ 1. (i) only
  - ☒ 2. Both (i) and (ii)
  - ☒ 3. Neither (i) nor (ii)
  - ☒ 4. (ii) only

Question ID : 944811167



Q.33 Android user interface (UI) is defined in \_\_\_\_\_.

- Ans
- ☐ 1. a text file
  - ☐ 2. an exe file
  - ☒ 3. a xml file
  - ☐ 4. an APK file

Question ID : 944811145

Q.34 Let current system date is 16-06-2022. Which of the following is the output of the following PHP code?

```
<?php $date = new DateTime();  
echo $date->format('F d,Y');  
?>
```

- Ans
- ☐ 1. 16-06-2022
  - ☐ 2. 16 June 2022, Thursday
  - ☒ 3. June 16,2022
  - ☐ 4. 16 June 2022

Question ID : 944811192

Q.35 Which of the following is the output of the following C++ code segment?

```
struct Person{  
    char name[50];  
}p;  
void main(){  
    strcpy(p.name, "ZARA");  
    cout << p.name[0]-3[p.name];  
}
```

- Ans
- ☐ 1. ZARA
  - ☐ 2. 26
  - ☒ 3. 25
  - ☐ 4. Z

Question ID : 944811186

Q.36 Which of the following statements is/are True about properties of the *viewport meta tag* in *Bootstrap*?

- (i) The *initial-scale = 0.5* property ensures that when loaded, your web page will be rendered at a 1:1 scale.
- (ii) The *user-scalable = yes* property disabled the zooming capabilities on mobile devices.

- Ans
- ☐ 1. Both (i) and (ii)
  - ☐ 2. (ii) only
  - ☐ 3. (i) only
  - ☒ 4. Neither (i) nor (ii)

Question ID : 944811166

**Q.37** Which of the following statements is/are True about *Web Services*?

- (i) Web services are the types of internet software that uses standardized messaging protocol over the distributed environment.
- (ii) In RESTful Web Services, the REST stands for Request Element State Transfer.

**Ans**

- ✓ 1. (i) only
- ✗ 2. Neither (i) nor (ii)
- ✗ 3. (ii) only
- ✗ 4. Both (i) and (ii)

Question ID : 944811157

**Q.38** Which of the following statements is/are True about *MySQL Trigger*?

- (i) It must be called explicitly.
- (ii) It is associated with a table, which is activated on SELECT SQL statement.

**Ans**

- ✓ 1. Neither (i) nor (ii)
- ✗ 2. (ii) only
- ✗ 3. (i) only
- ✗ 4. Both (i) and (ii)

Question ID : 944811152

**Q.39** Which of the following is the output of the following PHP code?

```
<?php function add($x=20, $y=10) {return $x+$y;}  
    $x = add(5); $y = add();  
    echo "x = $x, y = $y";  
?>
```

**Ans**

- ✗ 1. x = 25, y = 30
- ✗ 2. x = 15, y = 20
- ✗ 3. x = 12, y = 10
- ✓ 4. x = 15, y = 30

Question ID : 944811191

Q.40 Which of the following statements is/are True about *MySQL Server Configuration*?

- (i) It creates the *my.ini* configuration file that is used to configure the MySQL server.
- (ii) Port 3386 is the default port for the classic MySQL protocol.

- Ans
- ☒ 1. (ii) only
  - ☒ 2. (i) only
  - ☒ 3. Both (i) and (ii)
  - ☒ 4. Neither (i) nor (ii)

Question ID : 944811148

Q.41 jQuery is a fast and concise JavaScript Library created by \_\_\_\_\_.

- Ans
- ☒ 1. John Resig
  - ☒ 2. John Bob
  - ☒ 3. Alice Tom
  - ☒ 4. Martin Alice

Question ID : 944811162

Q.42 In Windows Servers, which of the following are the valid types of administrative responsibilities for Active Directory?

- (i) Service administrators
- (ii) Data administrators

- Ans
- ☒ 1. (ii) only
  - ☒ 2. Both (i) and (ii)
  - ☒ 3. Neither (i) nor (ii)
  - ☒ 4. (i) only

Question ID : 944811178

Q.43 Which of the following statements is/are True about PL/SQL function?

- (i) The MySQL Function may accept only IN type Parameters.
- (ii) The CALL statement is used to call a stored MySQL function.

- Ans
- ☒ 1. (i) only
  - ☒ 2. (ii) only
  - ☒ 3. (i) and (ii) Both
  - ☒ 4. Neither (i) nor (ii)

Question ID : 944811200

Q.44 Which of the following symbol is used for concatenation operator in ORACLE to concatenate two strings?

- Ans
- ☒ 1. &&
  - ☒ 2. ++
  - ☒ 3. ||
  - ☒ 4. +

Question ID : 944811196

Q.45 Which of the following default tool is used to create a firewall in Linux?

- Ans
- ☒ 1. LFirewall
  - ☒ 2. FSecure
  - ☒ 3. Firewall
  - ☒ 4. IPTables

Question ID : 944811168

Q.46 Which of the following statements is/are True about *PHP MVC*?

- (i) MVC stands for Model View Connectivity.
- (ii) PHP MVC is an application design pattern that separates the application data and business logic.

- Ans
- ☒ 1. Both (i) and (ii)
  - ☒ 2. Neither (i) nor (ii)
  - ☒ 3. (ii) only
  - ☒ 4. (i) only

Question ID : 944811141

Q.47 Which of the following statements is/are True about *storage engine*?

- (i) The default storage engine for MySQL 8.0 is InnoDB.
- (ii) The "*display engines*;" command is used to display MySQL database engine.

- Ans
- ☒ 1. (i) only
  - ☒ 2. (ii) only
  - ☒ 3. Neither (i) nor (ii)
  - ☒ 4. Both (i) and (ii)

Question ID : 944811151

**Q.48** Which of the following statements is/are True about *forName()* method that is used for registering a JDBC driver in *java* *database connectivity*?

- (i) It accept JDBC driver as string.
- (ii) It is used to load the JDBC driver in memory.

**Ans** ✗ 1. Neither (i) nor (ii)

✗ 2. (i) only

✗ 3. (ii) only

✓ 4. (i) and (ii) Both

Question ID : 944811189

**Q.49** Which of the following statements is/are True about *HTML5*?

- (i) The <article> tag is added to HTML5.
- (ii) The <audio> HTML5 tag is used to play audio file in HTML.

**Ans** ✓ 1. Both (i) and (ii)

✗ 2. (ii) only

✗ 3. Neither (i) nor (ii)

✗ 4. (i) only

Question ID : 944811164

**Q.50** Which of the following statements is/are True about *storage engine*?

- (i) A storage engine is a software module that a DBMS uses to create, read, and update data from a database.
- (ii) The "*show engines*;" command is used to display MySQL database engine

**Ans** ✗ 1. Neither (i) nor (ii)

✓ 2. (i) and (ii) Both

✗ 3. (i) only

✗ 4. (ii) only

Question ID : 944811197



Q.51 Which of the following is the output of the following C++ code segment?

```
float average(int n, ...)
{
    va_list valist;
    float sum = 0; int i;
    va_start(valist, n);
    for (i = 0; i < n; i++)
        sum += va_arg(valist, int);
    va_end(valist);
    return sum / n;
}

void main() {
    cout << average(2, 10, 20);
}
```

- Ans
- ✓ 1. 15
  - ✗ 2. 20
  - ✗ 3. 10
  - ✗ 4. 2

Question ID : 944811136

Q.52 Which of the following is the syntax of the *JSP scriptlet* tag?

- Ans
- ✗ 1. <%= statements =%>
  - ✗ 2. <% statements =%>
  - ✗ 3. <%= statements %>
  - ✓ 4. <% statements %>

Question ID : 944811195

Q.53 Which of the following SQL statement is used to create tables from existing STUDENT oracle table?

- Ans
- ✗ 1. CREATE TABLE PERSON  
FROM (SELECT Name FROM STUDENT);
  - ✓ 2. CREATE TABLE PERSON  
AS (SELECT Name FROM STUDENT);
  - ✗ 3. CREATE TABLE PERSON  
AS (FROM STUDENT);
  - ✗ 4. CREATE TABLE PERSON  
AS (SELECT STUDENT);

Question ID : 944811150



Q.54 Laravel is an open-source \_\_\_\_\_ framework.

- Ans
- ☐ 1. Java
  - ☐ 2. Python
  - ☒ 3. PHP
  - ☐ 4. Perl

Question ID : 944811140

Q.55 Which of the following statements is/are True about *Samba*?

- (i) It runs on Unix platforms, but speaks to Windows clients like a native.
- (ii) The *smbd* and *nmdb* are two key programs of the Samba.

- Ans
- ☐ 1. (i) only
  - ☒ 2. Both (i) and (ii)
  - ☐ 3. (ii) only
  - ☐ 4. Neither (i) nor (ii)

Question ID : 944811172

Q.56 What is full-form of LDAP with respect to server security?

- Ans
- ☐ 1. Linear Direct Access Protocol
  - ☐ 2. Lightweight Direct Access Protocol
  - ☒ 3. Lightweight Directory Access Protocol
  - ☐ 4. Linear Directory Access Protocol

Question ID : 944811179

Q.57 Which of the following statements is/are True about PL/SQL?

- (i) PL/SQL stands for *Programming Language extension of SQL*.
- (ii) A PL/SQL function must always return a value.

- Ans
- ☒ 1. (ii) only
  - ☐ 2. Neither (i) nor (ii)
  - ☐ 3. Both (i) and (ii)
  - ☐ 4. (i) only

Question ID : 944811154

Q.58 Which of the following statements is/are True about *APK*?

- (i) *APK* stands for *Android Package Kit*.
- (ii) Before installing an app using an *APK* file other than Google Play Store, we have to ensure that our Android phone settings are enabled to install third-party apps.

Ans

- ☒ 1. Both (i) and (ii)
- ☐ 2. (ii) only
- ☐ 3. (i) only
- ☐ 4. Neither (i) nor (ii)

Question ID : 944811143

Q.59 Which of the following statements is/are True about *AJAX*?

- (i) *AJAX* stands for Asynchronous JavaScript and XML.
- (ii) It is a web development technique.

Ans

- ☐ 1. Neither (i) nor (ii)
- ☒ 2. Both (i) and (ii)
- ☐ 3. (i) only
- ☐ 4. (ii) only

Question ID : 944811160

Q.60 Which of the following statements is/are True about the *java interfaces*?

- (i) It may contain only abstract methods.
- (ii) It may be used to achieve multiple inheritances in Java.

Ans

- ☐ 1. (ii) only
- ☐ 2. Neither (i) nor (ii)
- ☐ 3. (i) only
- ☒ 4. Both (i) and (ii)

Question ID : 944811146

Q.61 Which of the following statements is/are True about *SOAP Web Services*?

- (i) *SOAP* stands for Simple Object Application Process.
- (ii) *SOAP* is JSON based protocol.

Ans

- ☐ 1. (ii) only
- ☐ 2. (i) only
- ☒ 3. Neither (i) nor (ii)
- ☐ 4. Both (i) and (ii)

Question ID : 944811158

**Q.62** Which of the following statements is/are True about *indexing in MySQL*?

- (i) When a MySQL table is created with a primary/ unique key, it automatically creates PRIMARY index.
- (ii) The SHOW statement is used to display the indexes of a MySQL table.

Ans ☒ 1. Neither (i) nor (ii)

☒ 2. Both (i) and (ii)

☒ 3. (i) only

☒ 4. (ii) only

Question ID : 944811155

**Q.63** Which of the following statements is/are True about *Linux Cluster*?

- (i) A cluster of computers is a group of systems acting as one system for different purposes.
- (ii) Red Hat Cluster Suite provides load-balancing through LVS (Linux Virtual Server).

Ans ☒ 1. Both (i) and (ii)

☒ 2. (ii) only

☒ 3. (i) only

☒ 4. Neither (i) nor (ii)

Question ID : 944811170

**Q.64** Which of the following statements is/are True about *Print services of Windows Servers*?

- (i) Windows Server 2003 support only 64-bit printer drivers.
- (ii) A computer with 64-bit Windows operating system needs 64-bit drivers.

Ans ☒ 1. (ii) only

☒ 2. Both (i) and (ii)

☒ 3. (i) only

☒ 4. Neither (i) nor (ii)

Question ID : 944811175

**Q.65** Which of the following statements is/are True about *MySQL Procedure*?

- (i) The mode of the *MySQL Procedure Parameters* should be only INOUT type.
- (ii) The CALL statement is used to call a stored MySQL procedure.

Ans ☒ 1. (i) and (ii) Both

☒ 2. (i) only

☒ 3. (ii) only

☒ 4. Neither (i) nor (ii)

Question ID : 944811199

Q.66 Which of the following is NOT a valid group scope which is defined by Active Directory in Windows servers?

- Ans
- ☒ 1. Global
  - ☒ 2. Universal
  - ☒ 3. Virtual
  - ☒ 4. Domain local

Question ID : 944811177

Q.67 An Android \_\_\_\_\_ is a device that simulates an Android device on your system.

- Ans
- ☒ 1. Visualizer
  - ☒ 2. Debugger
  - ☒ 3. Emulator
  - ☒ 4. Bulder

Question ID : 944811144

Q.68 Which of the following is/are a cloud storage requirement?

(i) Durability, (ii) Availability, (iii) Security

- Ans
- ☒ 1. (i) and (iii) only
  - ☒ 2. (i), (ii) and (iii)
  - ☒ 3. (ii) and (iii) only
  - ☒ 4. (i) and (ii) only

Question ID : 944811180

Q.69 Let current system date is 16-06-2022. Which of the following is the output of the following Linux program in Bash

```
Sell?  
year=`date +%Y`; month=`date +%B`; day=`date +%d`;  
echo "Smonth Sday, Syear";
```

- Ans
- ☒ 1. June 16, 2022
  - ☒ 2. June 16, 22
  - ☒ 3. June Thursday, 2022
  - ☒ 4. June Thursday, 22

Question ID : 944811201

Q.70 Which of the following is the output of the following C++ code segment?

```
void main() {
    int a[]={2, 3, 5, 7, 11, 13};
    cout << 5[a] - a[2];
}
```

Ans ☒ 1. 8

☐ 2. 7

☐ 3. Runtime Error

☐ 4. 2

Question ID : 944811133

Q.71 Which of the following .dll file packaged the Windows Web Services (WWS) runtime?

Ans ☐ 1. IIS.dll

☐ 2. WWS.dll

☒ 3. WebServices.dll

☐ 4. Web.dll

Question ID : 944811176

Q.72 Which of the following statements related to cloud storage is True?

- (i) Cloud storage is a cloud computing model that stores data on the Internet through a cloud computing provider.
- (ii) Cloud storage gives you agility, global scale and durability, with "anytime, anywhere" data access.

Ans ☒ 1. Both (i) and (ii)

☐ 2. (i) only

☐ 3. (ii) only

☐ 4. Neither (i) nor (ii)

Question ID : 944811182

Q.73 Which of the following is the output of the following C++ code segment?

```
void main() {
    int x[]={2, 3, 5, 7, 11};
    int *p = x;
    cout << *(p+3);
}
```

Ans ☐ 1. 2

☐ 2. 3

☒ 3. 7

☐ 4. 5

Question ID : 944811184



Q.74 Which type of following Exceptional object should be thrown from following java code?

```
class ABC { public static void main(String abc[]) {
    int x = Integer.parseInt("1.5");
}}
```

- Ans
- ✓ 1. NumberFormatException
  - ✗ 2. NumberFormat
  - ✗ 3. IntegerFormatException
  - ✗ 4. IntegerNumberException

Question ID : 944811137

Q.75 Which of the following is/are a valid type of cloud storage?

(i) Object storage, (ii) File storage, (iii) Block storage

- Ans
- ✗ 1. (i) and (iii) only
  - ✓ 2. (i), (ii) and (iii)
  - ✗ 3. (ii) and (iii) only
  - ✗ 4. (i) and (ii) only

Question ID : 944811181

Q.76 Which of the following is the output of the following C++ code segment?

```
void main() {
    int x=0764;
    cout<<"x="<<x;
}
```

- Ans
- ✗ 1. 498
  - ✓ 2. 500
  - ✗ 3. 760
  - ✗ 4. 764

Question ID : 944811183

Q.77 Which of the following statements is/are True about *MySQL Procedure*?

- (i) It is a collection of pre-compiled SQL statements stored inside the database.
- (ii) It is called by using SELECT statement.

- Ans
- ✗ 1. Both (i) and (ii)
  - ✗ 2. Neither (i) nor (ii)
  - ✗ 3. (ii) only
  - ✓ 4. (i) only

Question ID : 944811153



Q.78 Which of the following PHP keyword is used to define a function?

- Ans
- ☐ 1. def
  - ☐ 2. php\_function
  - ☐ 3. Func
  - ☒ 4. Function

Question ID : 944811190

Q.79 Which of the following is the output of the following C++ code segment?

```
class Rect{
    int l, b;
    public:
    Rect(int x, int y=-1){l=x; y!=-1? b=y: b=x;}
    int area() {return l*b;}
};

void main(){
    Rect r=5;
    cout << r.area();
}
```

- Ans
- ☐ 1. -5
  - ☐ 2. 5
  - ☒ 3. 25
  - ☐ 4. Runtime Error

Question ID : 944811134

Q.80 Which type of following Exceptional object should be thrown from following java code?

```
class ABC{ public static void main(String abc[]){
    int x[] = new int[5]; x[5] = 30;
}}
```

- Ans
- ☐ 1. ArrayIndexOutOfBoundsException
  - ☒ 2. ArrayIndexOutOfBoundsException
  - ☐ 3. ArrayIndexOutOfBoundsException
  - ☐ 4. IndexOutOfBoundsException

Question ID : 944811188

Q.81 Which of the following is the output of the following C++ code segment?

```
void main(){  
    char x=918;  
    cout << (int)x;  
}
```

- Ans
- ☐ 1. -128
  - ☒ 2. -106
  - ☐ 3. 918
  - ☐ 4. 150

Question ID : 944811132

Q.82 Which of the following is used to send push notification to an android app?

- Ans
- ☐ 1. Android Notification
  - ☐ 2. Android Messaging
  - ☐ 3. Firebase Cloud Notification
  - ☒ 4. Firebase Cloud Messaging

Question ID : 944811147

Q.83 Which of the following is the output of the following C++ code segment?

```
void main(){  
    int x[]={2, 3, 5, 7, 11, 0};  
    int *p = x;  
    cout<<(*(p+5)?25:70);  
}
```

- Ans
- ☐ 1. 11
  - ☐ 2. 0
  - ☒ 3. 70
  - ☐ 4. 25

Question ID : 944811185

Q.84 Which of the following statements is/are True about *BHIM UPI*?

- (i) BHIM stands for Bharat Hindustan Money Interface.
- (ii) It was developed by the Bharat Corporation of India.

Ans ☒ 1. Neither (i) nor (ii)

☐ 2. (ii) only

☐ 3. (i) only

☐ 4. Both (i) and (ii)

Question ID : 944811159

Q.85 Which of the following statements is/are True about *MySQL Trigger*?

- (i) It is a special type of stored procedure.
- (ii) It invoked automatically in response to an event.

Ans ☐ 1. (i) only

☐ 2. Neither (i) nor (ii)

☒ 3. (i) and (ii) Both

☐ 4. (ii) only

Question ID : 944811198

Q.86 Which of the following is an open-source PHP framework?

Ans ☐ 1. ZK

☐ 2. PHFW

☒ 3. Laravel

☐ 4. JBoss

Question ID : 944811193

Q.87 Which of the following statements is/are True about *PHP MVC*?

- (i) PHP MVC is an application design pattern.
- (ii) It separates the application data and business logic from the presentation.

Ans ☒ 1. (i) and (ii) Both

☐ 2. (ii) only

☐ 3. Neither (i) nor (ii)

☐ 4. (i) only

Question ID : 944811194

**Q.88** Which of the following statements is/are True for the `executeUpdate()` method of the `statement` object in java?

- (i) It returns `True` when SQL statement change the data of a database table.
- (ii) It is used to execute INSERT SQL statements.

- Ans**
- ☒ 1. Both (i) and (ii)
  - ☒ 2. Neither (i) nor (ii)
  - ☒ 3. (ii) only
  - ☒ 4. (i) only

Question ID : 944811138

**Q.89** Which of the following is the syntax of JSP expression tag?

- Ans**
- ☒ 1. `<%= statement %>`
  - ☒ 2. `<% statement %>`
  - ☒ 3. `<% statement =%>`
  - ☒ 4. `<%= statement =%>`

Question ID : 944811142

**Q.90** Which of the following statements is/are True about `JQuery`?

- (i) The `$('p')` selects all paragraphs `<p>` in the document.
- (ii) The `$('p').css("background-color", "yellow")` change the background color of all paragraph by yellow color.

- Ans**
- ☒ 1. Both (i) and (ii)
  - ☒ 2. Neither (i) nor (ii)
  - ☒ 3. (ii) only
  - ☒ 4. (i) only

Question ID : 944811163

**Q.91** Which of the following type of parameter is a default parameter of an oracle function?

- Ans**
- ☒ 1. IN
  - ☒ 2. IN OUT
  - ☒ 3. OUT IN
  - ☒ 4. OUT

Question ID : 944811149

**Q.92** Which of the following statements is/are True about *XMLHttpRequest*?

- (i) The *cancel()* method of the *XMLHttpRequest* is used to cancel the current request.
- (ii) The *req(content)* method of the *XMLHttpRequest* is used to send the request.

- Ans**
- ☒ 1. Both (i) and (ii)
  - ☒ 2. Neither (i) nor (ii)
  - ☒ 3. (ii) only
  - ☒ 4. (i) only

Question ID : 944811161

**Q.93** Which of the following statements is/are True about *Data Warehouse*?

- (i) The term "Data Warehouse" was first coined by Bill Inmon.
- (ii) Data warehouses provide us generalized and consolidated data in multidimensional view.

- Ans**
- ☒ 1. (ii) only
  - ☒ 2. (i) only
  - ☒ 3. Both (i) and (ii)
  - ☒ 4. Neither (i) nor (ii)

Question ID : 944811156

**Q.94** Hyper-V is a hardware virtualization product of \_\_\_\_\_.

- Ans**
- ☒ 1. Microsoft
  - ☒ 2. VMware
  - ☒ 3. Oracle
  - ☒ 4. Apple

Question ID : 944811173

**Q.95** Which of the following is the output of the following C++ code segment?

```
struct Person{
    char name[50];
}x;
void main(){
    strcpy(x.name, "ALICE");
    cout << 3[x.name];
}
```

- Ans**
- ☒ 1. E
  - ☒ 2. ALICE
  - ☒ 3. C
  - ☒ 4. I

Question ID : 944811135



Q.96 Which of the following is the output of the following C++ code segment?

```
int Print(char *s){  
    cout<<s;  
    return strlen(s);  
};  
void main(){  
    cout<<"-"<<Print("ZARA");  
}
```

- Ans
- ✓ 1. -ZARA4
  - ✗ 2. 4- ZARA
  - ✗ 3. -4ZARA
  - ✗ 4. ZARA-4

Question ID : 944811187

Q.97 Which of the following is the output of the following PHP code?

```
<?php function add($x, $y=10) {return $x+$y;}  
$x = add(5, 7); $y = add(5);  
echo "x = $x, y = $y";  
?>
```

- Ans
- ✗ 1. x = 12, y = 10
  - ✓ 2. x = 12, y = 15
  - ✗ 3. Compilation Error
  - ✗ 4. x = 22, y = 15

Question ID : 944811139

Q.98 Which of the following is the full form of GRUB in Linux?

- Ans
- ✗ 1. Group Boot Loader
  - ✗ 2. Group Booting
  - ✗ 3. Great Boot Loader
  - ✓ 4. GRand Unified Bootloader

Question ID : 944811169



Q.99 Which of the following statements is/are True about *Hyper-V*?

- (i) It cannot virtualize the hard drives.
- (ii) It can only virtualize the operating systems.

Ans ☒ 1. (i) only  
☒ 2. Both (i) and (ii)  
☒ 3. (ii) only  
☒ 4. Neither (i) nor (ii)

Question ID : 944811174

Q.100 In which year the Samba 2.0 for Linux was released?

Ans ☒ 1. 1995  
☒ 2. 1999  
☒ 3. 1990  
☒ 4. 1971

Question ID : 944811171