

Computer Based Examination System

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Title *	Question Paper Answer Key
OES Exam *	GPSC05202107 / College Director of Physical Education in Government College of Arts, Science & Commerce, Sanquelim Goa / Completed / 2021-12-18

1	Question Description	The components of food which is present in sugar is:
	A	Protein
	B	Carbohydrates
	C	Fats
	D	Vitamins
	E	None of the above
	Correct Answer	B
	Marks	1

2

Question Description	What is the major attribute of correlation analysis?
A	Association among variables
B	Difference among variables
C	Regression among variables
D	Variation among variables
E	None of the above
Correct Answer	A
Marks	1

3

Question Description

Given below are two statements, one labelled as Assertion (A) and the Other labelled as Reason (R).

Assertion (A): Physical education is an art and science.

Reason (R): Performing gymnastic activities has an aesthetic and creative value.

In the context of the above statements, which one of the following is correct?

A

Both (A) and (R) are right, (R) is the correct explanation of (A).

B

Both (A) and (R) are right, but (R) is not the correct explanation of (A).

C

(A) is right, but (R) is wrong.

D

(A) is wrong, but (R) is right.

E

None of the above

Correct Answer**B****Marks****1**

4

Question Description	Research used for studying practical problems and finding a solution to it is
A	Basic research
B	Applied research
C	Experimental research
D	Evaluation research.
E	None of the above
Correct Answer	B
Marks	1

5

Question Description	Which of the following is the best definition of Physiology :
A	The microscopic study of tissues and cells
B	The study of how the body works
C	All the chemical processes that take place in the organelles of cells
D	The body's automatic tendency to maintain a relatively constant internal environment
E	None of the above
Correct Answer	B
Marks	1

6	Question Description	Which method of research investigates the likelihood of a relationship between two variables and identifies associations rather than cause and effect?
	A	Experimental design
	B	Survey
	C	Case studies
	D	Correlation studies.
	E	None of the above
	Correct Answer	D
	Marks	1
7	Question Description	Which of the following is responsible for limiting the range of movements of joint?
	A	Tendons
	B	Ligaments
	C	Both (A) and (B)
	D	Muscle fibers
	E	None of the above
	Correct Answer	B
	Marks	1

8	Question Description	'Getting the right facts to the right people at the right time in the right way' is called
	A	Game management
	B	Public relations in sports
	C	Motivation for sports
	D	Leadership in sports.
	E	None of the above
	Correct Answer	B
	Marks	1
9	Question Description	Which hormone plays an important role in 'fight-or-flight' response in the body?
	A	Adrenaline
	B	Noradrenaline
	C	Growth hormone
	D	Glucagon
	E	None of the above
	Correct Answer	A
	Marks	1

10	Question Description	Where is Kundalini energy located in human body:
	A	The base of the brain
	B	The breath
	C	The consciousness
	D	The base of the spine
	E	None of the above
	Correct Answer	D
	Marks	1
11	Question Description	In a research report, preliminary matters include:
	A	Title page, Acknowledgement, Appendixes
	B	References, Title page, Acknowledgement
	C	Title page, Acknowledgement, Table of contents
	D	Table of contents, References, Title page
	E	None of the above
	Correct Answer	C
	Marks	1

12	Question Description	What are the Yamas :
	A	The holy scriptures of Yoga
	B	Moral and Ethical rules or goals
	C	Occult or psychic powers
	D	Religious practices
	E	None of the above
	Correct Answer	B
	Marks	1

13	Question Description	The part of Nervous system responsible for “ Rest and Digest” response in body is
	A	Parasympathetic Nervous System
	B	Sympathetic Nervous System
	C	Central Nervous System
	D	Autonomic Nervous System
	E	None of the above
	Correct Answer	A
	Marks	1

14	Question Description	During Abduction movement the arm moves:
	A	Towards The body
	B	Away from the body
	C	In front of the body
	D	Remains firm and straight
	E	None of the above
	Correct Answer	B
	Marks	1

15	Question Description	Increase in muscle mass due to heavy weight training is called :
	A	Bruise
	B	Muscular Atrophy
	C	Haematoma
	D	Muscular Hypertrophy
	E	None of the above
	Correct Answer	D
	Marks	1

16	Question Description	Which type of contraction occurs when the force of the muscles is less than the resistance?
	A	Concentric
	B	Eccentric
	C	Sometric
	D	Isokinetic
	E	None of the above
	Correct Answer	B
	Marks	1

17	Question Description	The number of individual selected in a sample is called its
	A	Sampling number
	B	Quantity
	C	Sample size
	D	Sample distribution
	E	None of the above
	Correct Answer	C
	Marks	1

18	Question Description	Professional preparation of physical education teachers is governed by:
	A	U.G.C.
	B	A.I.C.T.E.
	C	N.C.T.E.
	D	N.A.A.C
	E	None of the above
	Correct Answer	C
	Marks	1

19	Question Description	The law of acceleration is also known as:
	A	Law of inertia
	B	Law of movement
	C	Law of Momentum
	D	Boyle's Law
	E	None of the above
	Correct Answer	C
	Marks	1

20	Question Description	Which nutrient is essential for supplying the body with energy?
	A	Carbohydrates
	B	amino acids
	C	Minerals
	D	Proteins
	E	None of the above
	Correct Answer	A
	Marks	1

21	Question Description	Pulses are a good source of
	A	Carbohydrates
	B	Proteins
	C	Fats
	D	Vitamins
	E	None of the above
	Correct Answer	B
	Marks	1

22

Question Description	Scoliosis is a postural deformity related with :
A	Foot
B	Leg
C	Neck region
D	Vertebral column
E	None of the above
Correct Answer	D
Marks	1

23

Question Description	The square of the standard deviation is called
A	Mean deviation
B	Quartile range
C	Inter-quartile range
D	Variance.
E	None of the above
Correct Answer	D
Marks	1

24	Question Description	When did the UN. General Assembly announce 21st June as the International Yoga Day
	A	21st June 2014
	B	11th Dec. 2014
	C	11th June 2014
	D	12th May 2014
	E	None of the above
	Correct Answer	B
	Marks	1

25	Question Description	The mean which stands for relative importance of the different items is
	A	Arithmetic mean
	B	Weighted mean
	C	Geometric mean
	D	Harmonic mean.
	E	None of the above
	Correct Answer	B
	Marks	1

26

Question Description	Which type of Yoga focuses primarily on exercise and physical techniques :
A	Raja Yoga
B	Jnana Yoga
C	Hatha Yoga
D	Surya Namaskar
E	None of the above
Correct Answer	C
Marks	1

27

Question Description	The main purpose of research in Education is to :
A	Increase social status of an individual
B	Increase job prospects of an individual
C	Help in the moral growth of an individual
D	Help the candidate become an eminent educationist
E	None of the above
Correct Answer	D
Marks	1

28	Question Description	In which activity Lactic acid system is activated:
	A	100M Run
	B	400M Run
	C	10,000M Run
	D	20 Kms Walk
	E	None of the above
	Correct Answer	A
	Marks	1

29	Question Description	Random sampling is helpful as it is :
	A	Reasonably accurate
	B	Free from personal biases
	C	An economical method of data collection
	D	All of the above
	E	None of the above
	Correct Answer	D
	Marks	1

30

Question Description	Parabola is
A	The path of an object projected into free air
B	Path of an object formed with air resistance
C	Path of the object falling vertically down
D	All of the above.
E	None of the above
Correct Answer	A
Marks	1

31

Question Description	Which of the following is not a method to ascertain whether two variables are correlated or not?
A	Concurrent Deviation method
B	Method of least squares
C	Scatter diagram method
D	Lorenz curve.
E	None of the above
Correct Answer	D
Marks	1

32	Question Description	Movements possible in condyloid joint are
	A	Flexion and extension
	B	Circumduction only
	C	Flexion, extension abduction, adduction
	D	Flexion, extension, abduction adduction and circumduction.
	E	None of the above
	Correct Answer	D
	Marks	1

33	Question Description	Which one of the succeeding types of fats increases the chances of heart disease due to increase in the amount of cholesterol in the blood ?
	A	Saturated fats
	B	Mono unsaturated Fats
	C	Poly unsaturated Fats
	D	Poly oligosaccharides
	E	None of the above
	Correct Answer	A
	Marks	1

34	Question Description	Survey research studies:
	A	Events
	B	Processes
	C	Population
	D	Circumstances
	E	None of the above
	Correct Answer	D
	Marks	1

35	Question Description	Which structure within the cell produces adenosine triphosphate :
	A	The Mitochondria
	B	The nucleus
	C	Peripheral proteins
	D	The protein molecule
	E	None of the above
	Correct Answer	A
	Marks	1

36	Question Description	The blood vessel which brings blood to the heart from the lower part of the body is known as:
	A	Inferior vena cava
	B	Superior vena cava
	C	Pulmonary vein
	D	Pulmonary artery
	E	None of the above
	Correct Answer	A
	Marks	1

37	Question Description	Boxer's muscles are
	A	Trapezius
	B	Sternocleidomastoid
	C	Abdominal
	D	Deltoid.
	E	None of the above
	Correct Answer	D
	Marks	1

38	Question Description	Function of long bones in the body is to
	A	Give strength
	B	Give protection
	C	Act as lever
	D	Provide surface area for muscle attachment
	E	None of the above
	Correct Answer	B
	Marks	1

39	Question Description	How many chakras are in the human body :
	A	Three
	B	Five
	C	Seven
	D	Eleven
	E	None of the above
	Correct Answer	C
	Marks	1

40	Question Description	A person suffering from high blood pressure avoid foods which are rich in
	A	Sodium
	B	Iodine
	C	Calcium
	D	Iron
	E	None of the above
	Correct Answer	A
	Marks	1

41	Question Description	BMI of 29.2 signifies:
	A	Underweight
	B	Normal weight
	C	Obesity class I
	D	Overweight
	E	None of the above
	Correct Answer	D
	Marks	1

42	Question Description	Which one of the following mineral element is required for muscle contraction?
	A	Calcium
	B	Iron
	C	Sodium
	D	Zinc
	E	None of the above
	Correct Answer	A
	Marks	1

43	Question Description	How many amino acids must be available in a healthy diet ?
	A	23 amino acids
	B	17 amino acids
	C	9 amino acids
	D	5 amino acids
	E	None of the above
	Correct Answer	C
	Marks	1

44	Question Description	The basic functions of management are
	A	Planning and organization
	B	Directing and programme development
	C	Personal management and financial management
	D	All the above.
	E	None of the above
	Correct Answer	D
	Marks	1

45	Question Description	Our body requires vitamins and minerals since :
	A	They give the body energy
	B	They help to carry out metabolic reactions
	C	They insulate the body organs
	D	They prevent heating of the body
	E	None of the above
	Correct Answer	B
	Marks	1

46	Question Description	Heterogeneous groups are classified into Homogeneous group and then randomly sample is chosen refers to:
	A	Simple Random Sampling
	B	Stratified Random Sampling
	C	Systematic Sampling
	D	Multistage Random Sampling
	E	None of the above
	Correct Answer	B
	Marks	1

47	Question Description	Which of the following is a water-soluble vitamin and hence is required to be taken every day?
	A	Vitamin D
	B	Vitamin C
	C	Vitamin K
	D	Vitamin A
	E	None of the above
	Correct Answer	B
	Marks	1

48	Question Description	The Remote objective of physical education is
	A	Development of good human relation
	B	Development of neuromuscular coordination
	C	Development of physical fitness
	D	Development of sports skills
	E	None of the above
	Correct Answer	A
	Marks	1

49	Question Description	In order to pursue Research, which of the following is a priority requirement ?
	A	Developing a research design
	B	Formulating a research question
	C	Deciding about the data analysis procedure
	D	Formulating a research hypothesis
	E	None of the above
	Correct Answer	B
	Marks	1

50

Question Description	Statistical test of the significance of discrepancy between the observed and expected results is provided by:
A	ANOVA
B	ANCOVA
C	MANCOVA
D	Chi Square test
E	None of the above
Correct Answer	D
Marks	1

51

Comprehension

Read the following passage and answer the questions below:

Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives. Their in-company programmes have sought the socialisation of the newcomers, the younger the better. The training is highly specific and those who receive it, have neither the capacity nor the incentive to quit. The prevailing belief says Imai, is that management should be born out of experiences and many years of efforts and not learnt from educational institutions. A 1960s survey of Japanese senior executives confirmed that a majority (54%) believed that management capabilities can be attained only on the job and not in universities. However, this view seems to be changing: the same survey revealed that even as early as 1960, 37% of senior executives felt that the universities should teach integrated professional management.

Question Description

From the options provided below, select the one which indicates the shortcomings of the in-company

A

It is too specific to capacitate or incentivise to move to other avenues

B

it is obtained on the job, not in the educational institutions/universities

C

it seeks socialization of the preferably young newcomers

D

it is obtained after years of experience /effort

E

None of the above

Correct Answer

A

Marks

1

52

Comprehension

Read the following passage and answer the questions below:

Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives. Their in-company programmes have sought the socialisation of the newcomers, the younger the better. The training is highly specific and those who receive it, have neither the capacity nor the incentive to quit. The prevailing belief says Imai, is that management should be born out of experiences and many years of efforts and not learnt from educational institutions. A 1960s survey of Japanese senior executives confirmed that a majority (54%) believed that management capabilities can be attained only on the job and not in universities. However, this view seems to be changing: the same survey revealed that even as early as 1960, 37% of senior executives felt that the universities should teach integrated professional management.

Question Description

Arrange the following statements in their logical order so as to read like an integral argument:

- i. The socialization of the newcomers entails hand-on experiences and long effort
- ii. Japanese Corporates trust their own in-company training for their business executives
- iii. It is widely believed that managerial capabilities can be built only on the job and not in the business schools.
- iv. A shortcoming of this process is that the training is often too precise for wider application and greener pastures.

A (i); (ii); (iii); and (iv)

B (iii); (ii); (i); and (iv)

C (ii); (iii); (i); and (iv)

D (ii); (iii); (iv); and (i)

E None of the above

Correct Answer C

Marks 1

Comprehension

Read the following passage and answer the questions below:

Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives. Their in-company programmes have sought the socialisation of the newcomers, the younger the better. The training is highly specific and those who receive it, have neither the capacity nor the incentive to quit. The prevailing belief says Imai, is that management should be born out of experiences and many years of efforts and not learnt from educational institutions. A 1960s survey of Japanese senior executives confirmed that a majority (54%) believed that management capabilities can be attained only on the job and not in universities. However, this view seems to be changing: the same survey revealed that even as early as 1960, 37% of senior executives felt that the universities should teach integrated professional management.

Question Description

Read the following statements carefully and state whether they are true or false:

- i. Japanese corporates had preferred their own in-company programmes over business schools for the development of their future executives.
- ii. However, there are signs that this has slowly begun to change

A Statement (i) is true but statement (ii) is false

B Statement (i) is false but statement (ii) is true

C Statements (i) and (ii) are both true

D Statements (i) and (ii) are both false

E None of the above

Correct Answer C

Marks 1

54

Comprehension

Read the following passage and answer the questions below:

Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives. Their in-company programmes have sought the socialisation of the newcomers, the younger the better. The training is highly specific and those who receive it, have neither the capacity nor the incentive to quit. The prevailing belief says Imai, is that management should be born out of experiences and many years of efforts and not learnt from educational institutions. A 1960s survey of Japanese senior executives confirmed that a majority (54%) believed that management capabilities can be attained only on the job and not in universities. However, this view seems to be changing: the same survey revealed that even as early as 1960, 37% of senior executives felt that the universities should teach integrated professional management.

Question Description

“Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives”.

The above statement implies that the Japanese Corporates are

A

inclined towards some local or foreign business schools

B

hardly interested in the development of their future executives

C

not interested in trained business executives

D

gradually revising their view of business schools

E

None of the above

Correct Answer

D

Marks

1

55

Comprehension	<p>Read the following passage and answer the questions below:</p> <p>Until recently, Japanese corporates have not been interested in using either local or foreign business schools for the development of their future executives. Their in-company programmes have sought the socialisation of the newcomers, the younger the better. The training is highly specific and those who receive it, have neither the capacity nor the incentive to quit. The prevailing belief says Imai, is that management should be born out of experiences and many years of efforts and not learnt from educational institutions. A 1960s survey of Japanese senior executives confirmed that a majority (54%) believed that management capabilities can be attained only on the job and not in universities. However, this view seems to be changing: the same survey revealed that even as early as 1960, 37% of senior executives felt that the universities should teach integrated professional management.</p>
Question Description	From the options provided below, identify the one that is farthest in meaning to the term “incentive” as it is used in the passage
A	demotion
B	discouragement
C	deterrent
D	inducement
E	None of the above
Correct Answer	C
Marks	1

56	Question Description	'Vijay Stambha' is situated in
	A	Jaipur
	B	Agra
	C	Delhi
	D	Chittor
	E	None of the above
	Correct Answer	D
	Marks	1

57	Question Description	Washing soda is the common name for
	A	Sodium carbonate
	B	Calcium bicarbonate
	C	Sodium bicarbonate
	D	Calcium carbonate
	E	None of the above
	Correct Answer	A
	Marks	1

58

Question Description The International Civil Aviation Day is being celebrated on which date?**A** December 05**B** December 07**C** December 04**D** December 06**E** None of the above**Correct Answer** B**Marks** 1

59

Question Description Ajaz Patel became 3rd Bowler to take 10 Wickets in an Innings, he hails from which country?**A** India**B** England**C** Sri Lanka**D** New Zealand**E** None of the above**Correct Answer** D**Marks** 1

60

Question Description	Cyclone Jawad, which has been in discussion, will hit Odisha, Andhra Pradesh and West Bengal, which country has named it?
A	India
B	Saudi Arabia
C	Myanmar
D	Pakistan
E	None of the above
Correct Answer	B
Marks	1

61

Question Description	Where is the Railway Staff College located?
A	Pune
B	Allahabad
C	Vadodara
D	Delhi
E	None of the above
Correct Answer	C
Marks	1

62	Question Description	The world's first floating city is proposed to be developed in which country?
	A	Australia
	B	Netherlands
	C	France
	D	South Korea
	E	None of the above
	Correct Answer	D
	Marks	1

63	Question Description	Who is the new Twitter CEO?
	A	Nikesh Arora
	B	George Kurian
	C	Parag Aggarwal
	D	Sundar Pichai
	E	None of the above
	Correct Answer	C
	Marks	1

64	Question Description	Which nation has announced the boycott of the 2022 Winter Olympics in Beijing?
	A	Japan
	B	India
	C	US
	D	Germany
	E	None of the above
	Correct Answer	C
	Marks	1

65	Question Description	The gas usually filled in the electric bulb is
	A	nitrogen
	B	hydrogen
	C	carbon dioxide
	D	oxygen
	E	None of the above
	Correct Answer	A
	Marks	1

Question Description

In each question below is given a statement followed by three assumptions numbered I, II and III. You have to consider the statement and the following assumptions, decide which of the assumptions is implicit in the statement and choose your answer accordingly.

Statement: "If you are intelligent, we are the right people for improving your performance." - An advertisement of a coaching institute.

Assumptions:

- I. Brilliant students prefer to join coaching classes.
- II. Coaching classes help the students to improve their performance.
- III. No other institute provides such coaching.

A

Only I and II are implicit

B

Only II and III are implicit

C

Only I and III are implicit

D

All are implicit

E

None of the above

Correct Answer

A

Marks

1

67	Question Description	Choose the pair that best represents a similar relationship to the one expressed in the original pair of words. SLAPSTICK : LAUGHTER
	A	genre : mystery
	B	satire : anger
	C	mimicry : tears
	D	horror : fear
	E	None of the above
	Correct Answer	D
	Marks	1

68	Question Description	Find the statement that must be true according to the given information. Rajiv is twelve years old. For three years, he has been asking his parents for a dog. His parents have told him that they believe a dog would not be happy in an apartment, but they have given him permission to have a bird. Rajiv has not yet decided what kind of bird he would like to have.
	A	Rajiv parents like birds better than they like dogs.
	B	Rajiv does not like birds.
	C	Rajiv and her parents live in an apartment.
	D	Rajiv and her parents would like to move.
	E	None of the above
	Correct Answer	C
	Marks	1

69

Question Description Which word does NOT belong with the others?**A** guitar**B** flute**C** violin**D** cello**E** None of the above**Correct Answer** B**Marks** 1

70

Question Description Oar is to rowboat as foot is to**A** running**B** sneaker**C** skateboard**D** jumping**E** None of the above**Correct Answer** C**Marks** 1

71

Question Description

Look at this series: 0.15, 0.3, ____, 1.2, 2.4, What number should fill the blank?

A

4.8

B

0.006

C

0.6

D

0.9

E

None of the above

Correct Answer

C

Marks

1

Question Description

Find out the alternative figure which contains figure (X) as its part.



(X)



(1)

(2)

(3)

(4)

A

1

B

2

C

3

D

4

E

None of the above

Correct Answer

D

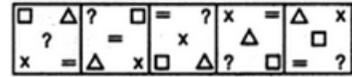
Marks

1

Question Description

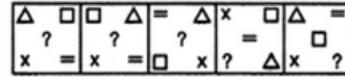
Select a figure from amongst the Answer Figures which will continue the same series as established by the five Problem Figures.

Problem Figures:



(A) (B) (C) (D) (E)

Answer Figures:



(1) (2) (3) (4) (5)

A	1
B	2
C	3
D	4
E	None of the above
Correct Answer	B
Marks	1

74	Question Description	Look at this series: 664, 332, 340, 170, ____, 89, ... What number should fill the blank?
	A	85
	B	97
	C	109
	D	178
	E	None of the above
	Correct Answer	D
	Marks	1

75	Question Description	<p>You have to decide which of the arguments is a 'strong' argument and which is a 'weak' argument.</p> <div style="border: 1px solid black; padding: 5px;"> <p>Statement: Should all the drugs patented and manufactured in Western countries be first tried out on sample basis before giving licence for sale to general public in India?</p> <p>Arguments:</p> <p>I. Yes. Many such drugs require different doses and duration for Indian population and hence it is necessary.</p> <p>II. No. This is just not feasible and hence cannot be implemented.</p> </div>
	A	Only argument I is strong
	B	Only argument II is strong
	C	Either I or II is strong
	D	Neither I nor II is strong
	E	None of the above
	Correct Answer	A
	Marks	1