

Seat No.	
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M.P.Ed. (Semester - I) (New) (CBCS) Examination: March/April-2024
Research Process in Physical Education & Sports Sciences (23503101)

Day & Date: Tuesday, 16-04-2024

Max. Marks: 80

Time: 03:00 PM To 06:00 PM

- सूचना:** 1) सर्व प्रश्न अनिवार्य आहेत.
 2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्र.1 योग्य पर्याय निवडा.

10

- 1) संशोधनाचे खालीलपैकी सर्वात महत्वाचे वैशिष्ट्ये आहे?
 - अ) पध्दतशीर संशोधन
 - ब) संशोधन हे निष्क्रीय प्रक्रिया नाही
 - क) संशोधन ही प्रक्रिया नाही
 - ड) वरील सर्व
- 2) खालील पैकी कोणते योग्य विधान आहे?
 - अ) शोध हे संशोधन करते
 - ब) संशोधन शोध करते
 - क) अ आणि ब दोन्ही
 - ड) वरीलपैकी नाही
- 3) कोणत्याही संशोधनाची व्याप्ती खोली ——— द्वारे निर्णायक केली जाते.
 - अ) संशोधन शिर्षक
 - ब) संशोधनाचा कालावधी
 - क) संशोधनाचे उद्दिष्टे
 - ड) वरीलपैकी नाही
- 4) खालीलपैकी ——— हे योग्य विधान आहे.
 - अ) विचलनशीलता हे समस्यांचे स्रोत आहे
 - ब) संशोधन ही विश्लेषणात्मक क्षमता
 - क) प्रबंधाच्या पहिल्या प्रकरणात संशोधनाची उद्दिष्टे सांगितली जातात.
 - ड) वरील सर्व
- 5) निष्कर्षाचे वर्गीकरण ——— प्रकार केले जातात.
 - अ) मूलभूत, उपयोजित आणि कृती संशोधन
 - ब) संख्यात्मक आणि गुणात्मक विश्लेषण
 - क) ऐतिहासिक वर्णनात्मक आणि प्रायोगिक
 - ड) वरील सर्व
- 6) संशोधन अहवालात ——— संदर्भ ग्रंथ सूची दिली जाते.
 - अ) संशोधनाची संबंधित नाही
 - ब) संशोधनाच्या ज्ञानाची कार्य दाखविणे
 - क) पुढील संशोधनात अभिरुची
 - ड) वरील सर्व
- 7) प्रायोगिक संशोधन ——— वर आधारित आहे.
 - अ) संशोधनाचे सर्वेक्षण
 - ब) विचलनशीलतेची हाताळणी
 - क) अ आणि ब दोन्ही
 - ड) वरील पैकी नाही

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M.P.Ed. (Semester - I) (New) (CBCS) Examination: March/April-2024
Research Process in Physical Education & Sports Sciences (23503101)

Day & Date: Tuesday, 16-04-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
 2) Figure to the right indicate full marks.

Q.1 Choose the correct alternative from the options. 10

- 1) Which of the following is not characteristic of research?
 - a) Research is systematic
 - b) Research is not passive
 - c) Research is not process
 - d) All of these
- 2) Which of the Following statement is correct _____.
 - a) Discoveries are research
 - b) Research lead to discovery
 - c) a and b
 - d) None of these
- 3) The depth of any research can be judged by _____.
 - a) Title of research
 - b) Duration of research
 - c) Objective of research
 - d) None of these
- 4) Which of the following statement is correct?
 - a) Variability is the source of problem
 - b) Research must possess analytical problem
 - c) Objectives of research are stranded in first chapter of thesis
 - d) All of these
- 5) Research can be classified as _____.
 - a) Basic applied and action research
 - b) Quantative and qualitative research
 - c) Historical, survey and experimental
 - d) All of these
- 6) Bibliography given in a research report _____.
 - a) Has no relevance to research
 - b) Show vast knowledge of the research
 - c) Helps those interested in further research
 - d) All of these
- 7) The experimental studies need of _____.
 - a) Survey of literature
 - b) The manipulation of variables
 - c) a and b both
 - d) None of these
- 8) Which one is called non-probability method?
 - a) Quata sampling
 - b) Cluster sampling
 - c) Systematic sampling
 - d) None of these
- 9) The research is always _____.
 - a) exploring new knowledge
 - b) verifying the old knowledge
 - c) fillings the gap between knowledge
 - d) All of these

- 10) The research that applicable the law at the time of field study to draw more and more ideas about the problem is _____.
- a) Experimental research
 - b) Applied research
 - c) Action research
 - d) None of these

Q.2 Answer the following questions.

- a) Explain in details full research paper publish in journals. **10**
- b) Explain in details classification of research. **10**

Q.3 Answer the following questions. (Any One)

15

- a) Explain in details writing of research thesis.
- b) Explain in details case study.

Q.4 Answer the following questions. (Any One)

15

- a) Explain in details probability sampling method.
- b) Explain in details scope of research in physical education.

Q.5 Write Short Notes: (Any Four)

20

- a) Library technique
- b) Interview tools in research
- c) Selection of problem in research
- d) Review of related literature
- e) Research Abstract

- 10) न्यूटनचा गतीविषयक दुसऱ्या नियमास ---- संज्ञा वापरतात.
अ) गुरुत्वाकर्षणाचा नियम ब) जडत्वाचा नियम
क) गतीवृद्धीचा नियम ड) यापैकी नाही

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

- अ) शारीरिक शिक्षण व क्रीडा मध्ये जिवयांत्रिक शास्त्राची व्याप्ती लिहा. 10
ब) किन्सीऑलॉजी चे शारीरिक शिक्षण व क्रीडामध्ये व्याप्ती लिहा. 10

प्र.3 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15

- अ) सांध्याचे वर्गीकरण सोड्स्तर लिहा.
ब) सांध्याच्याभोवती होणाऱ्या मुलभूत हालचाली स्पष्ट करा.

प्र.4 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15

- अ) गोळा फेकी व हातोडा फेक मधील किन्सीऑलॉजी (स्नायू पृथ्यकरण) स्पष्ट करा.
ब) लांब उडी व उंच उडी मधील जिवयांत्रिक पृथ्यकरण स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार) 20

- अ) डेल्टाईड स्नायू
ब) ट्रायसेप स्नायू
क) हवेचा प्रतिरोध
ड) घर्षण आणि क्रीडा प्राविण्य
इ) हॅमस्ट्रिंग स्नायू

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M.P.Ed. (Semester - I) (New) (CBCS) Examination: March/April-2024
Sports Bio-mechanics and Kinesiology (23503102)

Day & Date: Friday, 19-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) _____ movement is possible through Ankle joint.
 - a) Planter flexion
 - b) Dorsi flexion
 - c) Eversion
 - d) All of these
- 2) Dorsi flexion movement occurs through _____ joint.
 - a) Shoulder
 - b) Knee
 - c) Elbow
 - d) None of these
- 3) Hip joint in human body is the type of _____.
 - a) Ball and socket
 - b) Gliding
 - c) Hinge
 - d) None of these
- 4) _____ movement is possible through knee joint.
 - a) Extension
 - b) Flexion
 - c) Both A and B
 - d) None of these
- 5) Gastrocnemius muscle is located in _____.
 - a) Shoulder
 - b) Hip
 - c) Elbow
 - d) None of these
- 6) _____ is a type of muscle classification.
 - a) Smooth muscle
 - b) Skeletal muscle
 - c) Cardiac muscle
 - d) All above
- 7) Ulnar flexion movement occurs through _____ joint.
 - a) Elbow
 - b) Knee
 - c) Both A and B
 - d) Wrist
- 8) Rectus abdominis muscle is located in _____.
 - a) Elbow
 - b) Trunk
 - c) Thigh
 - d) Ankle
- 9) There are _____ kinds of Lever.
 - a) Two
 - b) Three
 - c) Four
 - d) Five
- 10) Newtons second law of motion is _____.
 - a) Law of Gravitation
 - b) Law of Inertia
 - c) Law of acceleration
 - d) None of these

Q.2 Answer the following questions.

- a) Explain scope of Biomechanics in physical Education and sports. 10
- b) Explain in details scope of kinesiology in physical Education and sports. 10

- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain in details structural classification of joint.
 - b) Explain in details fundamental movement around joints.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain in details kinesiological analysis (mechanical analysis) in shot put throw and Hammer throw.
 - b) Explain in details Biomechanical analysis in Long jump and High jump.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Deltoid muscle
 - b) Triceps muscle
 - c) Air resistance
 - d) Friction and spots performance
 - e) Hamstring muscle

- Q.3 Answer the following questions. (Any One)** **15**
- a) Write the effect of Asanas & pranayam of digestive and muscular system.
 - b) Which are the different school of yoga? Explain any two of them.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain the difference between yogic exercises and physical exercises.
 - b) Define the yoga and explain the need and importance of yoga in sports.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Importance of diet in daily life.
 - b) Stress and meditation
 - c) Aim and objective of yoga
 - d) Surya Namaskar
 - e) Bhaktiyog

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M.P.Ed. (Semester - I) (New) (CBCS) Examination: March/April-2024
Test, Measurement and Evaluation in Physical Education (23503111)

Day & Date: Wednesday, 24-04-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- सूचना :** 1) सर्व प्रश्न अनिवार्य आहेत.
 2) उजवीकडील अंक पूर्ण गुण दर्शवितात.
 3) मूळ इंग्रजी प्रश्नपत्रिका पाहणे उचित ठरेल.

प्र.1 योग्य पर्याय निवडा.

10

- 1) क्राऊस वेबर किमान तंदुरुस्ती कसोटी संचामध्ये ——— कसोट्या समाविष्ट आहेत.
 अ) दोन
 ब) सहा
 क) पाच
 ड) चार
- 2) डायर यांनी ——— साठी कौशल्य चाचणीची बांधणी केली.
 अ) फूटबॉल
 ब) सॉफ्टबॉल
 क) बास्केटबॉल
 ड) टेनिस
- 3) मिलर वॉल वॉली बॅडमिंटन कसोटीची बांधणी ——— साली करण्यात आली.
 अ) 1951
 ब) 1926
 क) 1960
 ड) 1984
- 4) बीप कसोटी ——— क्षमतेचे मापन करते.
 अ) एरोबीक
 ब) ऍनएरोबीक
 क) प्रतिक्रिया काळ
 ड) ताकद
- 5) खालीलपैकी कोणी कारक क्षमता कसोटीची बांधणी केली?
 अ) क्राऊस वेबर
 ब) बॅरो
 क) न्युटन
 ड) ब आणि क दोन्ही
- 6) ——— हा कसोटी निवडीचा शास्त्रीय निकष आहे.
 अ) कसोटी
 ब) मापन
 क) वस्तूनिष्ठता
 ड) वेळ
- 7) गरज ही कसोटी निवडीचा ——— निकष आहे.
 अ) शास्त्रीय
 ब) व्यवस्थापकीय
 क) वैधता
 ड) विश्वसनियता
- 8) कोणती कसोटी जे. सी. आर. कसोटी संचाचा भाग नाही?
 अ) शटल रन
 ब) एस. वी. जे
 क) चिन – आस
 ड) सिट – आस

- 9) कसोटी सत्यता तपासणे म्हणजे ---- होय.
अ) वैधता ब) वस्तूनिष्ठता
क) व्यक्तीनिष्ठता ड) मानके
- 10) इंडियाना कारक सुदृढता कसोटी संचामध्ये ---- कसोट्यांचा समावेश आहे.
अ) सहा ब) पाच
क) चार ड) दोन

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

- अ) वैधता व वैधतेचे प्रकार स्पष्ट करा. **10**
ब) जे. सी. आर. कसोटी स्पष्ट करा. **10**

प्र.3 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक)

- अ) 12 मि. धावणे/चालणे कसोटीचे सविस्तर वर्णन करा. **15**
ब) शरीर मापन प्रक्रिया सविस्तर स्पष्ट करा.

प्र.4 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक)

- अ) जॉन्सन बास्केटबॉल कसोटी सविस्तर स्पष्ट करा. **15**
ब) बॅरो कारक क्षमता कसोटी सविस्तर स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार)

- अ) विश्वसनीयता **20**
ब) मुल्यमापन
क) मापन
ड) डायर टेनिस कसोटी
इ) वैद्यकिय चाचणी / कसोटी

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**M.P.Ed. (Semester - I) (New) (CBCS) Examination: March/April-2024
Test, Measurement and Evaluation in Physical Education (23503111)**

Day & Date: Wednesday, 24-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Candidate who intend to write their answers in Marathi advised to read the original questions in English.
3) Figures to right indicate full marks.

Q.1 Choose the correct alternative.

10

- 1) Kraus-Weber minimum fitness test consists of _____ test items.
 - a) Two
 - b) Six
 - c) Five
 - d) Four
- 2) Dyer constructs skill test for _____.
 - a) Football
 - b) Softball
 - c) Basketball
 - d) Tennis
- 3) Miller wall volley badminton test was constructed in the year _____.
 - a) 1951
 - b) 1926
 - c) 1960
 - d) 1984
- 4) Beep test measures _____ capacity.
 - a) Aerobic
 - b) Anaerobic
 - c) Reaction Time
 - d) Strength
- 5) From the following who constructed motor ability test?
 - a) Kraus Webar
 - b) Barrow
 - c) Newton
 - d) b & c both
- 6) _____ is a scientific criteria of test selection.
 - a) Test
 - b) Measurement
 - c) Objectivity
 - d) Time
- 7) Relevance is a _____ criteria of test selection.
 - a) Scientific
 - b) Administrative
 - c) Validity
 - d) Reliability
- 8) Which test is not a part of J. C. R. test?
 - a) Shuttle run
 - b) SVJ
 - c) Chin-ups
 - d) Sit-ups
- 9) To measure truthfulness of test is called _____.
 - a) Validity
 - b) Objectivity
 - c) Subjectivity
 - d) Norms
- 10) Indiana motor fitness test consists of _____ test items.
 - a) Six
 - b) Five
 - c) Four
 - d) Two

- Q.2 Answer the following questions.**
- a) Explain validity and its types. **10**
 - b) Explain J.C.R test **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Describe 12 minutes run/walk test in detail.
 - b) Explain the anthropometric measurement process in detail.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain Johnson basketball test in detail.
 - b) Explain Barrow motor ability test in detail.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Reliability
 - b) Evaluation
 - c) Measurement
 - d) Dyer tennis test
 - e) Medical test

- Q.2 Answer the following questions.**
- a) Describe about experimental method in detail. **10**
 - b) Discuss the need of research in Physical Education. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain need and importance of reviewing the literature.
 - b) Explain historical method research in detail.
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain qualities of good researcher.
 - b) What do you mean by sampling? State its various types with example.
- Q.5 Write Short Notes: (Any Four)** **20**
- a) Questionnaire
 - b) Tool & Data collection
 - c) Descriptive method
 - d) Structure
 - e) Historical method

- 10) — हे ए. टी. पी चे कार्य आहे.
अ) श्वसन
क) फोटोसिनथेसीस
ब) वाढ
ड) वरील सर्व

- प्र.2 खालील प्रश्नांची उत्तरे लिहा.
अ) व्यायामाचे शरीर विज्ञानशास्त्राची गरज व महत्व लिहा. 10
ब) अस्थि स्नायूचे अतिसूक्ष्मरचना स्पष्ट करा. 10
- प्र.3 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15
अ) स्नायू अकुंचनाची स्लायडिंग फिलामेंट उपती स्पष्ट करा.
ब) स्नायू संस्थेवर व्यायामाचा व प्रशिक्षणाचा होणारा परिणाम लिहा.
- प्र.4 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15
अ) ATP सोड्स्तर स्पष्ट करा.
ब) श्वसन संस्थेवर व्यायामाचा व प्रशिक्षणाचा होणारा परिणाम लिहा.
- प्र.5 टिपा लिहा. (कोणत्याही चार) 20
अ) रक्तदाब
ब) स्नायूतंतूचे प्रकार
क) दुय्यम श्वसन
ड) प्राणवायूचे ऋण
इ) उष्ण वातावरणात क्रिडा प्राविण्य

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**M.P.Ed. (Semester - I) (Old) (CBCS) Examination: March/April-2024
Physiology of Exercises (20503102)**

Day & Date: Friday, 19-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) Exercises _____ respiratory rate.
 - a) Decreases
 - b) Increases
 - c) Does not affect
 - d) None of these
- 2) Blood pressure is measured in terms of _____.
 - a) mmHg
 - b) mm
 - c) CmHg
 - d) Hg
- 3) _____ leads to increase muscle mass strength and power _____.
 - a) Anabolic steroid
 - b) Narcotics
 - c) Both A and B
 - d) None of these
- 4) Respiration taking place in the lunge is called _____.
 - a) Internal respiration
 - b) External respiration
 - c) Cellular respiration
 - d) All of these
- 5) Sphygmometer instrument is used for _____ measuring.
 - a) flexibility
 - b) strength
 - c) speed
 - d) blood pressure
- 6) The Blood get oxygenated in _____.
 - a) Lungs
 - b) Muscles
 - c) Liver
 - d) Stomach
- 7) Pulmonary vein drains blood in to _____.
 - a) Right Artium
 - b) Left Artium
 - c) Right ventricul
 - d) Left ventricle
- 8) Oxygen used in rest for a minute is _____ mililiter.
 - a) 250
 - b) 850
 - c) 450
 - d) 650
- 9) The process of ATP is produce in the _____.
 - a) Muscle cell
 - b) Bone
 - c) Heart
 - d) Lungs
- 10) _____ is the function of ATP.
 - a) Respiration
 - b) Growth
 - c) Photosynthesis
 - d) All of these

Q.2 Answer the following questions.

- a) Explain need and importance of physiology of Exercise. 10
- b) Explain micro structure of skeletal muscle. 10

- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain sliding filament theory of muscular contraction.
 - b) Explain effect of exercises and training on the muscular system.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain in details ATP.
 - b) Explain in details effect of exercise and training on the respiratory system.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Blood pressure
 - b) Types of muscle fiber
 - c) Second wind
 - d) Oxygen Debt
 - e) Sports performance in hot climate

- 10) "योग चित्त वृत्ती निरोध" हे विधान कोण म्हणाले.
अ) वेदव्यास
ब) पतंजली
क) स्वामी रामानंद
ड) सुश्रुत

- प्र.2 खालील प्रश्नांची उत्तरे लिहा.
अ) दैनंदिन जीवनात आहाराचे महत्व स्पष्ट करा. 10
ब) मुद्रा आणि शुद्धीक्रीया सविस्तर लिहा. 10
- प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक) 15
अ) योगाचा अर्थ आणि व्याख्या सांगा आणि योगाचे उद्दिष्टे स्पष्ट करा.
ब) प्राणायामाची यादी करून त्यापैकी दोन प्राणायाम स्पष्ट करा.
- प्र.4 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक) 15
अ) शरीरातील विविध संस्थावर योगाचा परिणाम लिहा.
ब) अष्टांग योगाच्या अंगाची यादी करा आणि त्यापैकी दोनाचे स्पष्टीकरण करा.
- प्र.5 टिपा लिहा. (कोणत्याही चार) 20
अ) महिलासाठी योगाचे महत्व
ब) योगा आणि लवचिकता
क) योगासाठी आहाराची भूमिका
ड) ताण आणि ध्यान
इ) बंधाचे फायदे आणि प्रकार

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**M.P.Ed. (Semester - I) (Old) (CBCS) Examination: March/April-2024
Yogic Sciences (20503103)**

Day & Date: Monday, 22-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) _____ is the types of kumbhak.
 - a) Yam
 - b) Samadhi
 - c) Pratyahar
 - d) None of these
- 2) In Bhaktiyog the word Bhakti is made from _____.
 - a) Yuj
 - b) Bhaj
 - c) Yam
 - d) None of these
- 3) Yoga means concentration of mind through the control of senses it is stated by _____.
 - a) Shwetamber
 - b) katponishad
 - c) Yogvashitha
 - d) None of these
- 4) How many players make a yoga university team.
 - a) Six
 - b) Five
 - c) Four
 - d) Three
- 5) The mature stage of dhyan is _____.
 - a) Aasan
 - b) Samadhi
 - c) Pranayam
 - d) Pratyahar
- 6) Niyam is the _____ number of step in Ashtangyog.
 - a) First
 - b) Third
 - c) Second
 - d) Fourth
- 7) _____ has propagated yoga in modern times.
 - a) Swami Vivekanand
 - b) Swami Ramanand Thirth
 - c) ramkrushna Paramhans
 - d) All of these
- 8) The linkage connecting external and internal yoga means _____.
 - a) Skill
 - b) Pranayam
 - c) Pratyahar
 - d) None of these
- 9) The major type of the yoga is _____ in Bhagwatgeeta.
 - a) Dharmyog
 - b) Hatyog
 - c) Karmyog
 - d) None of these
- 10) Who said these lines "Yogas Chitta Vritti Nirodha"?
 - a) Ved Vyas
 - b) Patanjali
 - c) Swami Ramanand
 - d) Sushruta

Q.2 Answer the following questions.

- a) Explain the importance of diet in daily life. 10
- b) Write in detail of mudra and Shuddhi kriyas. 10

- Q.3 Answer the following questions. (Any One) 15**
- a) Write the meaning and definition of Yoga? Explain the objective of Yoga.
 - b) Give the list of pranayam and explain any two of them.
- Q.4 Answer the following questions (Any One) 15**
- a) Write the effect of yoga on various body system.
 - b) Give the list of Ashtangyog and explain any two of them.
- Q.5 Write Short Notes. (Any Four) 20**
- a) Importance of yoga for women.
 - b) Yoga and flexibility.
 - c) Role of Diet for yoga.
 - d) Stress and meditation.
 - e) Benefits and types of Bandhas.

- 9) माहिती गोळा करण्याची प्रक्रिया ---- आहे.
अ) कसोटी
ब) मापन
क) मुल्यमापन
ड) मुल्यनिर्धारित
- 10) जे सी आर चाचणी मध्ये 'जे म्हणजे ----.
अ) उभी उडी
ब) लांब उडी
क) तिहेरी उडी
ड) यापैकी नाही

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

- अ) मापण व मुल्यमापण याची गरज व महत्व लिहा. **10**
ब) जे. सी. आर चाचणी सोड्स्तर स्पष्ट करा. **10**

प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) चाचणी निवडीचे निकष सोड्स्तर स्पष्ट करा. **15**
ब) बॅरोची कारक क्षमता चाचणी सोड्स्तर स्पष्ट करा.

प्र.4 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) हार्वर्ड स्टेप टेस्ट (चाचणी) सोड्स्तर स्पष्ट करा. **15**
ब) 12 मिनीट पळणे / चालणे चाचणी सोड्स्तर स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार)

- अ) जॉन्सनची बास्केटबॉल चाचणी **20**
ब) मॅकडोनाल्डची सॉकर चाचणी
क) डायरची टेनिस चाचणी
ड) रुसेललॅंगची वॉलीबॉल चाचणी
इ) ट्रेडमिल चाचणी

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**M.P.Ed. (Semester - I) (Old) (CBCS) Examination: March/April-2024
Test, Measurement and Evaluation in Physical Education (20503108)**

Day & Date: Wednesday, 24-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) The candidate should read the original questions in English.
3) Figures to right indicate full marks.

Q.1 Choose the correct alternative.

10

- 1) _____ is a continuous process.

a) Test	b) Measurement
c) Evaluation	d) All of these
- 2) _____ is the one criteria of test authenticity.

a) Objectives	b) Evaluation
c) Pilot study	d) All of these
- 3) A test that gives consistent result is said to possess.

a) Reliability	b) Validity
c) Objectivity	d) Norms
- 4) _____ is an instrument used to gain information about individual or object.

a) Test	b) Measurement
c) Evaluation	d) None of these
- 5) How many items are there in JCR test.

a) 4	b) 5
c) 2	d) 3
- 6) In how many items test is classified _____.

a) 2	b) 3
c) 4	d) 5
- 7) _____ is an outcome.

a) Test	b) Measurement
c) Evaluation	d) None of these
- 8) Which of the following is a motor ability test _____.

a) IOW test	b) JCR Test
c) Both A and B	d) None of these
- 9) The process of collecting information is called _____.

a) Test	b) Measurement
c) Evaluation	d) Assessment
- 10) In JCR test 'J' stand for _____.

a) Vertical jump	b) Long jump
c) Tripple jump	d) None of these

- Q.2 Answer the following questions.**
- a) Explain need and importance of measurement and Evaluation. **10**
 - b) Explain in details JCR Test. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain in details criteria at test selection.
 - b) Explain in details Barrow motor Ability test.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain in details Harvard step test.
 - b) Explain in details 12 minutes run/walk test.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Johnson Basket Ball Test
 - b) Mc Donald soccer test
 - c) Dyer tennis test
 - d) Russel Lange volley Ball test
 - e) Treadmill Test.

10) — हे मध्यमान काढण्याचे सुत्र आहे.

अ) $\frac{P \times N}{100}$

ब) $\sqrt{\frac{\sum X}{N}}$

क) $\frac{\sum fm}{N}$

ड) $\sum d^2$

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

अ) केंद्रीय प्रवृत्तीची परिमाणे सविस्तर स्पष्ट करा. 10

ब) आयतालेख ग्राफ तयार करून स्पष्ट करा. 10

प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक) 15

अ) खालील दिलेल्या सारणीवरून बहुलक काढा.

वर्गवारी	वारंवारिता
150—154	8
145—149	7
140—144	5
135—139	8
130—134	4
125—129	2
120—124	6
115—119	3
110—114	1
105—109	4
100—104	2
	N = 50

ब) वरील प्रश्न क्र. 3 (अ) मध्ये दिलेल्या सारणीवरून चतुर्थक विचलन काढा.

प्र.4 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15

अ) 100 बी.पी.एड. विद्यार्थ्यांच्या क्रिकेट बॉल थ्रो कसोटीचे मध्यमान 7550 मीटर व प्रमाण विचलन 1.5 मीटर आहे. यावरून खालील पाईन्ट नुसार हल स्केल काढा.

पाईन्ट	कार्यमान
100	—
90	—
80	—
70	—
60	—
50	—
40	—
30	—
20	—
10	—
0	—

ब) वरील प्र.क्र.4 अ) मधील दिलेल्या सारणीवरून सिग्मा स्केल काढा.

- प्र.5 खालील प्रश्नांची थोडक्यात उत्तरे लिहा. (कोणतेही चार)
- अ) विचलनशिलतेची परिमाणे याबद्दल लिहा.
 - ब) 'Z' स्केल
 - क) लोकसंख्या ही संज्ञा हिचा संख्याशास्त्राशी संबंध
 - ड) अँनकोव्हा (ANCOVA)
 - इ) शारीरिक शिक्षणात संख्याशास्त्राची गरज व महत्त्व

Seat
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M.P.Ed. (Semester - II) (New) (CBCS) Examination: March/April-2024
Applied Statistics in Physical Education and Sport (23503201)

Day & Date: Thursday, 25-04-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
 2) The candidates should read the original questions in English.
 3) All questions carry equal marks.

Q.1 Choose the correct alternative.**10**

- 1) The degree of relationship between two variable is called.
 - a) Correlation
 - b) Mode
 - c) Q.D
 - d) Median
- 2) $L.L + \left[\frac{P \times N}{100} - c.f \right] \frac{1}{fm}$ Formula is related to _____.
 - a) Median
 - b) Percentile
 - c) Q.D.
 - d) S.D.
- 3) The score which appear most frequently is _____.
 - a) Mean
 - b) Mode
 - c) Percentile
 - d) S.D.
- 4) The sigma scale is called _____.
 - a) 7 point
 - b) 6 point
 - c) 5 point
 - d) 10 point
- 5) One of the graphical representation in statistics is _____.
 - a) 'Z' scale
 - b) Hull scale
 - c) 'T' scale
 - d) Histogram
- 6) One of the measures of variability is _____.
 - a) Mean
 - b) Mode
 - c) Q.D.
 - d) Correlation
- 7) Latin word is related to _____.
 - a) Sigma
 - b) Statistics
 - c) Q.D.
 - d) S.D.
- 8) The frequency polygoan is reacted to _____.
 - a) Graph
 - b) Mean
 - c) S.D.
 - d) Correlation
- 9) The formula for calculated mode is _____.
 - a) $\frac{\sum x}{N}$
 - b) $\frac{\sum fm}{N}$
 - c) 3 Median – 2 Mean
 - d) $Amt \left(\frac{\sum fd}{N} \right) \times i$

10) The formula for calculated mean is _____.

a) $\frac{P \times N}{100}$

b) $\sqrt{\frac{\sum X}{N}}$

c) $\frac{\sum fm}{N}$

d) $\sum d^2$

Q.2 Answer the following questions.

a) Explain the measures of central tendency.

10

b) Explain & draw in detail Histogram.

10

Q.3 Answer the following questions. (Any One)

15

a) Calculate mode from following table.

CI	F
150-154	8
145-149	7
140-144	5
135-139	8
130-134	4
125-129	2
120-124	6
115-119	3
110-114	1
105-109	4
100-104	2
	N = 50

b) Calculate quartile deviation from above Q. No. 3 a) table

Q.4 Answer the following question. (Any One)

15

a) The Cricket ball throw of 100 BPED students mean is 75.50 mts and SD is of 1.5 mtrs construct Hullscale of the following points.

Points	Performance
100	-
90	-
80	-
70	-
60	-
50	-
40	-
30	-
20	-
10	-
0	-

b) Calculate sigma scale from above Q.No.4-a).

Q.5 Write Short Notes (Any Four)

20

a) Write about measures of variability

b) 'Z' scale

c) Population term educated to statistics

d) ANCOVA

e) Need and importance of statistics in physical education.

- 9) अँड्र्यू हक्सले हे कोणत्या उत्पत्तीचे जनक आहेत.
 अ) स्लायडिंग फिलामेंट ब) अनुभवात्मक
 क) मानसशास्त्रीय ड) यापैकी नाही
- 10) अस्थिसंस्थेच्या ---- हा घटक आहे.
 अ) हाडे ब) अस्थिबंधन
 क) कुर्चा ड) वरील सर्व

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

- अ) व्यायामाची गरज आणि महत्व स्पष्ट करा. 10
 ब) स्नायूचे आकुंचन प्रसरण स्पष्ट करा. 10

प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) स्नायूसंस्था आणि अस्थिसंस्था यावर प्रशिक्षणाचा होणारा परिणाम स्पष्ट करा. 15
 ब) शरीरक्रिया शास्त्राचा अर्थ सांगून व्यायामाचे शरीर क्रियाशास्त्रातील गरज आणि महत्व लिहा.

प्र.4 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) डोपींगची व्याख्या देऊन डोपींगचे प्रकार आणि डोपींगचे दुष्परिणाम स्पष्ट करा. 15
 ब) थंड वातावरणाचा आणि गरम वातावरणाचा खेळाडूच्या कामगिरीवर होणारा परिणाम सविस्तर स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार)

- अ) उच्च तीव्रतेचे व्यायाम 20
 ब) हृदयचक्र
 क) प्राणवायूचे ऋण
 ड) एटीपी (एडीनोसिन ट्राईफॉस्फेट)
 इ) चयापचायाची संकल्पना

- Q.2 Answer the following questions.**
- a) Explain Need & importance of exercises. **10**
 - b) Explain the muscular contraction. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Effect of training on muscular system- skeletal system- explain.
 - b) What is meant by physiology and write the need and importance of exercises in physiology.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain types of doping and side effects of doping by giving definition of doping.
 - b) Explain in detail the effect of cold climate and hot climate on sportsmen's performance.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) High intensity exercises.
 - b) Cardiac cycle.
 - c) Oxygen debt.
 - d) ATP (Adenosine triphosphate).
 - e) Concept of metabolism.

Seat No.	
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Set **P**

**M.P.Ed. (Semester - II) (New) (CBCS) Examination: March/April-2024
Athlete Care and Rehabilitation (23503203)**

Day & Date: Tuesday, 30-04-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Figures to the right indicate full marks.
3) The candidates should read the original question in English.

Q.1 Choose the correct alternative from the options. 10

- 1) One of the posture defect is _____.
 - a) Injury
 - b) Massage
 - c) Flat foot
 - d) Fracture
- 2) How many categories are there of sports injuries.
 - a) Two
 - b) Five
 - c) Four
 - d) Three
- 3) Dislocation is related to _____.
 - a) Skin injuries
 - b) Muscular injuries
 - c) Joint injuries
 - d) All of these
- 4) You should use ice on a soft tissue injuries after _____.
 - a) 15 Minutes
 - b) 10 Minutes
 - c) 20 Minutes
 - d) 5 Minutes
- 5) Which of the following is a soft tissue injury.
 - a) Strain
 - b) Abrasion
 - c) A and B both
 - d) None of these
- 6) Bandage are used for _____.
 - a) Fever
 - b) Pain
 - c) Sprain
 - d) Headaches
- 7) Knock knee is related to _____.
 - a) Rehabilitation
 - b) Massage
 - c) Injury
 - d) Postural defect
- 8) Hacking technique is related to _____.
 - a) Massage
 - b) Injury
 - c) Exercise
 - d) Relax
- 9) One of the causes of bad posture is _____.
 - a) Doping
 - b) Malnutrition
 - c) Chemical
 - d) Alcohol
- 10) Massage is an aid for _____.
 - a) Relaxation
 - b) Work
 - c) Bleeding
 - d) Pain

Q.2 Answer the following questions.

- a) Explain General injuries in football, Handball and Basket Ball. 10
- b) Explain prevention of foot, knee and shoulder injuries. 10

- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain in detail massage as an aid for relaxation.
 - b) Explain in detail types of massage.
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain in details causes of sports injuries with sports examples.
 - b) Explain in detail posture and body mechanics.
- Q.5 Write Short Notes: (Any Four)** **20**
- a) Value of good posture
 - b) Sports rehabilitation
 - c) Flat foot
 - d) Stretching exercise
 - e) Passive exercise

Seat No.	
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Set **P**

M.P.Ed. (Semester - II) (New) (CBCS) Examination: March/April-2024
Sports Management and Curriculum design in Physical Education
(23503209)

Day & Date: Thursday, 02-05-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
 2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) _____ is essential and integral part of leadership to take decision at any field.
 - a) Relation
 - b) Communication
 - c) Publication
 - d) Organisation
- 2) _____ is essential records in school sports management.
 - a) Physical efficiency records
 - b) Medical examination records
 - c) Sports equipment records
 - d) Above all
- 3) Development of student is a main _____ of public relation in physical Education.
 - a) Objectives
 - b) Principles
 - c) Skill
 - d) Technique
- 4) Objective to sports management is _____.
 - a) To encourage the development
 - b) To organize the tournament
 - c) To participate in match
 - d) All of these
- 5) _____ policies are required for curriculum.
 - a) National
 - b) State
 - c) Professional
 - d) All above
- 6) Text book is the source of _____ material.
 - a) Supervision
 - b) Curriculum
 - c) Evaluation
 - d) Management
- 7) Activity centered is the principle of _____ construction.
 - a) Curriculum
 - b) Text books
 - c) Magazines
 - d) Journals
- 8) Forward looking is the principle of _____ construction.
 - a) Syllabus
 - b) Journals
 - c) Text books
 - d) Curriculum
- 9) A leader must possess the following except.
 - a) Commitment
 - b) Missionary Zeal
 - c) Persuasiveness
 - d) All of these
- 10) Student centered is the principle of _____ construction.
 - a) Syllabus
 - b) Curriculum
 - c) Internet
 - d) Magazines

- Q.2 Answer the following questions.**
- a) Explain duties of good administrator. **10**
 - b) Explain the objectives of physical Education curriculum research. **10**
- Q.3 Answer the following question. (Any One)** **15**
- a) What is sports management? Explain functions of sports management.
 - b) Define curriculum and explain its need and importance.
- Q.4 Answer the following question. (Any One)** **15**
- a) What are the basic facilities required to run physical Education programme. explain any one facility.
 - b) Explain the role of national and professional policies in curriculum development.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Functions of the supervision
 - b) Management of physical education programme.
 - c) Definition of curriculum
 - d) Principles of public relation
 - e) Text books.

Seat No.	
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Set	P
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M.P.Ed. (Semester - II) (Old) (CBCS) Examination: March/April-2024
Applied statistics in Physical Education and Sport (20503201)

Day & Date: Thursday, 25-04-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- सुचना : 1) सर्व प्रश्न अनिवार्य आहेत.
 2) उजवीकडील अंक पूर्ण गुण दशवितात.
 3) मूळ इंग्रजी प्रश्नपत्रिका पाहणे उचित ठरेल.

प्र.1 खालील योग्य पर्याय निवडा.

10

- 1) वारंवार येणाऱ्या प्राप्तकाला ---- म्हणतात.
 अ) मध्यमान
 ब) मध्यगा
 क) प्रमाण विचलन
 ड) बहुलक
- 2) सिग्मा स्केलला ---- म्हणतात.
 अ) 10 पॉईंट स्केल
 ब) 6 पॉईंट स्केल
 क) 7 पॉईंट स्केल
 ड) 0 पॉईंट स्केल
- 3) 'T' स्केल ची संकल्पना प्रथम ---- नी मांडली.
 अ) विल्यम ए मेकॉले
 ब) मॉर्गन
 क) डेव्हिस
 ड) लॉर्ड
- 4) चतुर्थक विचलनाचे सूत्र ---- हे आहे.
 अ) $Q. D. = (Q - Q)^2$
 ब) $QD = (Q - Q)^2$
 क) $Q. D. = (Q - Q)$
 ड) $QD = (Q - Q)$
- 5) संख्याशास्त्र हा शब्द ---- भाषेतून आलेला आहे.
 अ) इंग्रजी
 ब) लॅटिन
 क) ग्रीक
 ड) यापैकी नाही
- 6) विचलनशीलतेचा अभ्यास करणारी ---- ही सर्वात सोपी पध्दत आहे.
 अ) गुणांक विस्तार
 ब) चतुर्थक विचलन
 क) माध्यमां विचलन
 ड) प्रमाण विचलन
- 7) वारंवारिता बहुभूज ---- शी निगडित आहे.
 अ) बेरीज
 ब) रेषा
 क) आलेख
 ड) वर्गमुळ
- 8) खालील पैकी ---- मुल्य आलेखाद्वारे मोजले जात नाही.
 अ) मीन
 ब) आयतालेख
 क) ऊर्ध्वगामी-वक्र
 ड) वारंवारिता बहुभुज
- 9) 110-114 मधील वर्गांतर ---- आहे.
 अ) 9
 ब) 5
 क) 10
 ड) 9.5

प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

अ) खालील वारंवारीता सारणी वरून चर्तुथक विचलन काढा.

C.I	F
150 – 154	2
145 – 149	4
140 – 144	1
135 – 139	3
130 – 134	6
125 – 129	8
120 – 124	7
115 – 119	5
110 – 114	8
105 – 109	4
100 – 104	2
	N= 50

ब) वरील वारंवारीता सारणी वरून प्रमाण विचलन काढा.

प्र.4 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

अ) खालील वारंवारीता सारणीवरून प्रमाण विचलन काढा.

C.I	F
130 – 134	3
125 – 129	5
120 – 124	4
115 – 119	3
110 – 114	5
105 – 100	7
100 – 104	6
95 – 97	3
90 – 94	7
85 – 87	5
80 – 84	2
	N= 50

ब) वरील सारणी वरून मध्यगा-मध्यांक काढा.

प्र.5 टिपा लिहा. (कोणही चार)

- अ) हिस्टोग्राम
- ब) सहसंबंध
- क) केंद्रिय प्रवृत्तीची परिमाणे
- ड) 'Z' स्केल
- इ) सिग्मा स्केल

Seat No.	
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M.P.Ed. (Semester - II) (Old) (CBCS) Examination: March/April-2024
Applied statistics in Physical Education and Sport (20503201)

Day & Date: Thursday, 25-04-2024
 Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
 2) The candidates should read the original questions in English.
 3) All questions carry equal marks.

Q.1 Choose the correct alternative.

10

- 1) The score which appear most frequently is called as _____.
 a) Mean
 b) Median
 c) S. D
 d) Mode
- 2) Sigma scale is called as _____.
 a) 10 Point scale
 b) 6 Point scale
 c) 7 Point scale
 d) 0 Point scale
- 3) Concept of 'T' scale gives first by _____.
 a) William A Macaulay
 b) Morgan
 c) Devis
 d) Loard
- 4) Formula of Q. D. is _____.
 a) $Q. D. = (Q - Q)^2$
 b) $QD = (Q - Q)^2$
 c) $Q. D. = (Q - Q)$
 d) $QD = (Q - Q)$
- 5) Statistics is a _____ word.
 a) English
 b) Latin
 c) Greek
 d) None of these
- 6) The simplest method of studying dispersion is _____.
 a) Range
 b) Quartile deviation
 c) Mean deviation
 d) Standard deviation
- 7) Frequency polygon is related to _____.
 a) Addition
 b) Line
 c) Graph
 d) Square root
- 8) Value of _____ following can not be determined graphically.
 a) Mean
 b) Histogram
 c) Ogive
 d) Frequency polygon
- 9) The class interval for 110-114 is _____.
 a) 9
 b) 5
 c) 10
 d) 9.5
- 10) Histogram is also called _____.
 a) Volume Diagram
 b) Staircase Diagram
 c) Frequency
 d) Ogive

Q.2 Answer the following questions.

a) Calculate standard deviation (S.D) from the following table.

10

C.I	F
140 - 145	2
135 - 139	4
130 - 134	1
125 - 129	3
120 - 124	6
115 - 119	8
110 - 114	7
105 - 109	5
110 - 104	8
95 - 99	4
90 - 94	2
	N= 50

b) Calculate standard deviation (S.D) from the following table.

10

C.I	F
160 - 164	9
155 - 159	7
150 - 154	7
145 - 149	8
140 - 144	5
135 - 139	4
130 - 134	3
125 - 129	2
120 - 124	1
115 - 119	2
110 - 114	2
	N= 50

Q.3 Answer the following questions. (Any One)

15

a) Calculate quartile deviation (Q.D) from following table.

C.I	F
150-154	2
145-149	4
140-144	1
135-139	3
130-134	6
125-129	8
120-124	7
115-119	5
110-114	8
105-109	4
100-104	2
	N= 50

b) For the above table calculate standard Deviation (S.D).

Q.4 Answer the following question. (Any one)

a) Calculate standard deviation (S.D) from the following table.

C.I	F
130 - 134	3
125 - 129	5
120 - 124	4
115 - 119	3
110 - 114	5
105 - 100	7
100 - 104	6
95 - 97	3
90 - 94	7
85 - 87	5
80 - 84	2
	N= 50

b) Calculate median from the above table.

Q.5 Write Short Notes (Any Four)

- a) Histogram.
- b) Correlation.
- c) Measures of central tendency.
- d) 'Z' Scale.
- e) Sigma Scale

- Q.2 Answer the following questions. 10**
a) Explain Importance of kinesiology in the field of physical Education and sports. 10
b) Explain Importance of Biomechanics in the field of Physical Education and sports.
- Q.3 Answer the following questions. (Any One) 15**
a) Explain classification of Joints.
b) Explain Fundamental movement around joint.
- Q.4 Answer the following questions. (Any One) 15**
a) Explain projection and its types with reference to sports examples.
b) Explain Aims and objective of kinesiology and Biomechanics.
- Q.5 Write Short Notes: (Any Four) 20**
a) Water resistance
b) Air resistance
c) Stability
d) Force
e) Analysis of movement

- 10) खांदयाची दुखापत ही सर्व साधारणपणे ---- या खेळांत जास्त प्रमाणात दिसते.
अ) रोइंग ब) बास्केट बॉल
क) ज्युडो ड) यापैकी नाही

प्र.2 खालील प्रश्नांची योग्य उत्तरे लिहा.

- अ) कबड्डीमध्ये होणाऱ्या सर्वसामान्य दुखापतीची यादी करा व त्या सोइस्तर स्पष्ट करा. 10
ब) बास्केट बॉलमध्ये होणाऱ्या सर्वसामान्य दुखापतीची यादी करा व त्या सोइस्तर स्पष्ट करा. 10

प्र.3 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15

- अ) मसाज सोइस्तर स्पष्ट करा.
ब) क्रीडा दुखापतीची कारणे व उपाययोजना सोइस्तर स्पष्ट करा.

प्र.4 खालील प्रश्नाचे उत्तर लिहा. (कोणताही एक) 15

- अ) पूर्णवसनासाठी योग्य ते व्यायाम प्रकार स्पष्ट करा.
ब) शरीरधारणा सोइस्तर स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार) 20

- 1) स्नायूंची दुखापती
- 2) स्ट्रेचिंग व्यायाम
- 3) खांदयाच्या दुखापती
- 4) डोक्याच्या दुखापती
- 5) सपाट पायाची कारणे

- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain massage in details.
 - b) Explain causes and prevention of sports injuries.
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain resisted exercise for rehabilitation.
 - b) Explain body posture in details.
- Q.5 Write Short Notes: (Any Four)** **20**
- a) Muscle injuries
 - b) Stretching exercise
 - c) Shoulder injuries
 - d) Head injuries
 - e) Causes of flat foot

Seat
No.

M.P.Ed (Semester - II) (Old) (CBCS) Examination: March/April-2024
Sports Management and Curriculum design in Physical Education
(20503209)

Day & Date: Thursday, 02-05-2024
Time: 03:00 PM To 06:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) Figures to the right indicate full marks.
3) The candidates should read the original question in English.

Q.1 Choose the correct alternative.**10**

- 1) Effective communication is essential in sports management to keep alive its _____.
 - a) Principle
 - b) Characteristics
 - c) Foundation
 - d) Dynamics
- 2) Internet is the source of _____ material.
 - a) Magazines
 - b) Text book
 - c) Curriculum
 - d) Above all
- 3) The first step in planning process is _____.
 - a) Provision of facilities
 - b) Determination of goals
 - c) Identification of target group
 - d) None of these
- 4) _____ is the need of every type of planning in Phy-Edu organization.
 - a) Management
 - b) Money
 - c) Supervision
 - d) All above
- 5) Principle of public relation in Physical Education _____.
 - a) Information regarding purpose
 - b) Information regarding national integration
 - c) Both 'a' and 'b'
 - d) None of these
- 6) The word curriculum is derived from Latin word _____.
 - a) Goal
 - b) Carrere
 - c) Out line
 - d) None of these
- 7) Sports equipment room includes _____.
 - a) bats
 - b) balls
 - c) rackets
 - d) all above
- 8) _____ comes under traditional media.
 - a) Internet
 - b) Television
 - c) Blog
 - d) Social Networking sites
- 9) _____ acts as watch dog for society.
 - a) Management
 - b) Employees
 - c) Media
 - d) Technology
- 10) The following _____ management is related to physical education.
 - a) Leadership
 - b) Personal
 - c) Sports
 - d) All above

- Q.2 Answer the following questions.** **10**
- a) Define curriculum & explain its need & importance. **10**
 - b) Explain the role of the teacher in curriculum development. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain the steps in programme development for university inter collegiate Sports Tournament.
 - b) How will you develop public relations and media through various sports program?
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain the role of national and professional policies in curriculum development.
 - b) Define sports management-state the importance of management in sports field.
- Q.5 Write Short Note: (Any Four)** **20**
- a) Principles of public relation
 - b) Recreation
 - c) Purchase sports equipment
 - d) Objective of curriculum
 - e) Text book

Seat
No.

Set P

M.P.Ed. (Semester - III) (New) (CBCS) Examination: March/April-2024
Scientific Principles of Sports Training (20503301)

Day & Date: Tuesday, 16-04-2024

Max. Marks: 80

Time: 09:00 AM To 12:00 PM

- सूचना: 1) सर्व प्रश्न अनिवार्य आहेत.
 2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्र.1 योग्य पर्याय निवडा.

10

- 1) 'फर्टलेक' प्रशिक्षणाचा साठी ---- उत्तम कालावधी आहे.
 अ) रेसिंग कालावधी ब) ट्रांजिशन कालावधी
 क) स्पर्धेचा कालावधी ड) ऑफ सीझन
- 2) इंटरवाल ट्रेनिंगचे वेळापत्रक ---- असते.
 अ) वार्षिक ब) साप्ताहिक
 क) मासिक ड) त्रैमासिक
- 3) ---- हे क्रीडा प्रशिक्षणाचे तत्त्व नाही.
 अ) एकॉनॉमी ऑफ मुव्हमेंट ब) भारामध्ये वाढ
 क) प्रशिक्षण चक्र ड) सातत्यता
- 4) लघु अंतर धावकाचा वेग ---- विकसित केला जातो.
 अ) इंटरव्हल ट्रेनिंग ब) वेट ट्रेनिंग
 क) इन्स आणि आउट्स ड) सातत्याने पळणे
- 5) फर्टलेक प्रशिक्षण ---- इव्हेंटशी निगडीत आहे.
 अ) जंपर्स ब) थ्रोअर
 क) धावपटू ड) मध्यम अंतर धावक
- 6) इंटरव्हल ट्रेनिंगच्या मूळे ---- शारीरिक समतेचा विकास होतो.
 अ) लवचिकता ब) चपळता
 क) स्फोटक शक्ती ड) दमदारपणा
- 7) 'सुपर कम्पेन्सेशनचा' अर्थ ---- आहे.
 अ) फटिंग ब) दुय्यम मदम
 क) भार अनुकूल ड) ऑक्सिजन ऋण
- 8) ---- प्रशिक्षणाला स्पीड प्ले असे ही संबोधले जाते.
 अ) वेट ट्रेनिंग ब) प्रेशन ट्रेनिंग
 क) फर्टलेक ट्रेनिंग ड) इंटरव्हल ट्रेनिंग
- 9) सूक्ष्म चक्र कालावधी हा ---- असतो.
 अ) एक आठवडा ब) सहा ते आठ आठवडे
 क) आठ ते दहा आठवडे ड) तीन आठवडे

- Q.2 Answer the following questions.**
- a) Define Doping. Explain methods of Blood Doping. **10**
 - b) Explain in detail training plan. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Define sports training. Give aim, characteristics of sports training.
 - b) Define overload. Explain causes of overload.
- Q.4 Answer the following questions. (Any One)** **15**
- a) List the component of physical fitness. Explain circuit training program in detail.
 - b) Define strength. Explain methods to improve strength.
- Q.5 Answer the following question in brief: (Any Four)** **20**
- a) Fartlek training
 - b) Interval method
 - c) Ballistic method
 - d) Periodisation
 - e) Speed

Seat No.	
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Set	P
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M.P.Ed. (Semester -III) (New) (CBCS) Examination: March/April-2024
Sports Medicine (20503302)

Day & Date: Friday, 19-04-2024
Time: 09:00 AM To 12:00 PM

Max. Marks: 80

- सूचना : 1) सर्व प्रश्न अनिवार्य आहेत.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्र.1 योग्य पर्याय निवडा.

10

- 1) खालीलपैकी कोणती कृती स्थिर समतोल कृती आहे.
अ) एरोप्लेन बॅलन्स
ब) बास्केट बॉल मधील ड्रॉबलिंग
क) हर्डल पार करणे
ड) कबड्डी मधील चढाई
- 2) बेंच प्रेस व्यायाम खेळाडूंचे ---- सुधारते.
अ) लवचिकता
ब) दिशाभिमूखता
क) ताकत
ड) दमदारपणा
- 3) फ्रोजन शोल्डर अॅथलेट कोणत्या व्यायामाशी संबंधित आहे.
अ) दिशाभिमूखता
ब) ताकतीचे व्यायाम
क) लवचिकतेचे व्यायाम
ड) दमदारपणाचे व्यायाम
- 4) अॅथलेटला वॉर्मिंग अप किंवा वॉर्मिंग डारून हे ---- मदत करते.
अ) कामगीरी कौशल्ये सुधारते
ब) आजारी पडत नाही
क) जखमा प्रतिबंध आणि कामगीरी
ड) शरीर आणि मन निवांत ठेवते
- 5) थिरेपीटीक व्यायाम म्हणजे ----.
अ) मानसिक जिमनॅस्टीक
ब) जर्मन जिमनॅस्टीक
क) रिदमिक जिमनॅस्टीक
ड) मेडीकल जिमनॅस्टीक
- 6) ट्रेडमिल प्रशिक्षण ---- विकसित करते.
अ) स्नायू ताकत
ब) शरीर स्थिती
क) गतीची आवाक
ड) स्नायूचा दमदारपणा
- 7) मानेची जखम ---- मुळे होते.
अ) फोरसेबल फ्लकशन
ब) फोरसेबल एक्सटेंशन
क) फोरसेबल रोटेशन
ड) वरील सर्व
- 8) स्पाइनची जखम ---- आहे.
अ) स्लिपडिस्क
ब) अस्थिभंग
क) अ आणि ब दोन्ही
ड) यापैकी नाही
- 9) ---- स्ट्रेचिंग ज्यादाची लवचिकता निर्माण करते.
अ) स्थिर
ब) पी. एन. एफ
क) ब्लास्टिक
ड) ब आणि क दोन्ही

Seat No.	
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Set **P**

M.P.Ed. (Semester -III) (New) (CBCS) Examination: March/April-2024
Sports Medicine (20503302)

Day & Date: Friday, 19-04-2024
Time: 09:00 AM To 12:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) In the following activity which activity has static balance.
 - a) Aeroplane balance
 - b) Dribbling towards in basket
 - c) Clearing the hurdle
 - d) Raiding in kabaddi
- 2) Bench press exercise improves the _____ of the player.
 - a) Flexibility
 - b) Agility
 - c) Strength
 - d) Endurance
- 3) Which exercise will you refer to a frozen shoulder athlete.
 - a) Agility exercise
 - b) Strength developing exercise
 - c) Flexibility exercise
 - d) Endurance exercise
- 4) Warming up and warming down help the athletes _____.
 - a) Improve their performance skill
 - b) Avoid being ill and sick
 - c) Prevent of injury and enhance performance
 - d) Keep the body and mind relaxed
- 5) Therapeutic exercise are otherwise known as _____.
 - a) Mental gymnastics
 - b) German gymnastics
 - c) Rhythmic gymnastics
 - d) Medical gymnastics
- 6) The treadmill training is prescribed for the injured athlete to develop _____.
 - a) Muscle strength
 - b) Stability of the body
 - c) Range of motion
 - d) Muscles endurance
- 7) Neck injuries occur due to _____.
 - a) Forcible flexion
 - b) Forcible extension
 - c) Forcible rotation
 - d) All of these
- 8) Which of the following is a spinal injury _____?
 - a) Slipped disc
 - b) Fracture
 - c) A and B both
 - d) None of these
- 9) _____ stretching produce greater flexibility.
 - a) Static
 - b) P. N. F
 - c) Blastic
 - d) B and C both
- 10) Rehabilitation of sports is done using _____.
 - a) Hydrotherapy
 - b) Corrective exercise
 - c) Both A and B
 - d) None of these

- Q.2 Answer the following questions.**
- a) Explain in details Element of good food. **10**
 - b) Explain in details causes of injuries. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain in details principles of therapeutic exercise.
 - b) Explain in details need of sports medicine in physical education and sports.
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain in details advantages and disadvantages of Aquatic therapy.
 - b) Write History of sports medicine.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Dislocation
 - b) Prevention of sports injuries
 - c) Gymball Exercise
 - d) Head and Neck injuries
 - e) Shoulder injuries

Seat No.	
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Set **P**

**M.P.Ed. (Semester - III) (New) (CBCS) Examination: March/April-2024
Health Education and Sports Nutrition (20503303)**

Day & Date: Monday, 22-04-2024
Time: 09:00 AM To 12:00 PM

Max. Marks: 80

- Instructions:** 1) All questions are compulsory.
2) The candidates should read the original questions in English.
3) All questions carry equal mark.

Q.1 Choose the correct alternative from the following options. 10

- 1) The human body has a normal _____ liter blood.
 - a) 3 Liter
 - b) 5 Liter
 - c) 7 Liter
 - d) 8 Liter
- 2) What is the full meaning of N.A.R.I?
 - a) National AIDS Research Institute
 - b) National AIDS Drug Research Institute
 - c) National Agricultural Research Institute
 - d) None of these
- 3) From which year this health service started at school level in India?
 - a) 1907
 - b) 1905
 - c) 1909
 - d) 1910
- 4) Which day is observed as world population day?
 - a) 11 May
 - b) 11 April
 - c) 11 June
 - d) 11 July
- 5) According to the total weight in human body _____% water exists.
 - a) 50%
 - b) 60%
 - c) 70%
 - d) 75%
- 6) Swine flu are caused by which virus?
 - a) N2H2
 - b) H1N1
 - c) H5N1
 - d) N1H1
- 7) Which of the following diseases is transmitted through air?
 - a) Typhoid
 - b) Eyestrain
 - c) Chicken pox
 - d) Cancer
- 8) The causing natural and human aspects of pollution is called _____.
 - a) Global warming
 - b) Pollutant
 - c) Aspect of pollution
 - d) None of the above
- 9) Fat soluble vitamin is _____.
 - a) C
 - b) B
 - c) E
 - d) None of these
- 10) Lemon, myrobalan tamarind such type of sour fruits includes _____ vitamins at a large scale.
 - a) 'B'
 - b) 'C'
 - c) 'D'
 - d) 'A'

- Q.2 Answer the following questions.** **10**
- a) What is the role of health Education in school life. **10**
 - b) Plan a weigh management program in physical Education. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) What is heath Education? Explain the aims and objectives of health Education.
 - b) Make a list of communicable and non-communicable diseases and explain any two diseases.
- Q.4 Answer the following questions (Any One)** **15**
- a) Write a definition of pollution and make a list of types of pollution.
 - b) Discuss the role of diet and exercise in weight management.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Objectives of health Education
 - b) Health planning and management
 - c) National health policy
 - d) Role of carbohydrates in nutrition
 - e) Communicable diseases.

Seat No.	
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Set	P
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M.P.Ed. (Semester - III) (New) (CBCS) Examination: March/April-2024
Physical Fitness and Wellness (20503310)

Day & Date: Wednesday, 24-04-2024
Time: 09:00 AM To 12:00 PM

Max. Marks: 80

- सूचना : 1) सर्व प्रश्न अनिवार्य आहेत.
2) उजवीकडील अंक पूर्ण गुण दर्शवितात.

प्र.1 योग्य पर्याय निवडा.

10

- 1) विरोधाचे प्रशिक्षण देण्यासाठी कोणत्या प्रकारच्या प्रशिक्षणाची गरज असते?
अ) चक्रीय प्रशिक्षण ब) मध्यांग प्रशिक्षण
क) लवचिकता ड) हृदयश्वसन दमदारपणा
- 2) मध्यांग प्रशिक्षणाने कोणत्या प्रकारची तंदुरुस्ती वाढते?
अ) एरोबीक्स तंदुरुस्ती ब) स्नायूचा दमदारपणा
क) एनएरोबीक्स तंदुरुस्ती ड) यापैकी नाही
- 3) सततच्या प्रशिक्षणाने हृदयाचा दर हा ----.
अ) 180 बीपीएमच्यावर असतो ब) एरोबीक्स प्रशिक्षण विभागात असतो
क) अ आणि ब दोन्ही ड) यापैकी नाही
- 4) एरोबीक्सचा वर्ग लावल्याने मुख्यता शारीरिक क्षमतेचा कोणता घटक विकसीत होतो.
अ) हृदयश्वसन दमदारपणा ब) ताकत
क) लवचिकता ड) तोल
- 5) आयसोमेट्रिक व्यायामाने स्नायूची लांबी ही ----.
अ) स्थिर राहते ब) लहान होते
क) अ आणि ब दोन्ही ड) यापैकी नाही
- 6) भिंतीला ढकलणे हे ---- व्यायामाचे उदाहरण आहे.
अ) आयसोमेट्रिक व्यायाम ब) आयसोकायनेटिक व्यायाम
क) आयसोटोनिक व्यायाम ड) यापैकी नाही
- 7) जलदगती खेळाडूचा विकास ---- मूळे होतो.
अ) भारतोलन प्रशिक्षण ब) मध्यांग प्रशिक्षण
क) अ आणि ब दोन्ही ड) यापैकी नाही
- 8) उचलणे, ढकलणे, व खेचण्याचे व्यायाम करत असताना ---- करावे.
अ) श्वास घ्यावा ब) उच्छ्वास घ्यावा
क) श्वास धरून ठेवावा ड) यापैकी नाही
- 9) ताकतीच्या प्रशिक्षणाचा फायदा ---- आहे.
अ) स्नायूसमूह वाढतो ब) हाडांची तीव्रता वाढते
क) अ आणि ब दोन्ही ड) यापैकी नाही

- 10) स्कॉट, पुशअप्स, पुलअप्स हे ---- चे प्रशिक्षण आहे.
अ) दिशाभिमूखता
ब) लवचिकता
क) ताकत
ड) यापैकी नाही

प्र.2 खालील प्रश्नांची उत्तरे लिहा.

- अ) समतोल आहार सोइस्तर स्पष्ट करा. 10
ब) फ्रिहॅण्ड व्यायाम सोइस्तर स्पष्ट करा. 10

प्र.3 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) शारीरिक क्षमतेचे घटक स्पष्ट करा. 15
ब) वेट मशीन व्यायाम व चक्रिय प्रशिक्षण व्यायाम स्पष्ट करा.

प्र.4 खालील प्रश्नांची उत्तरे लिहा. (कोणताही एक)

- अ) शारीरिक क्षमतेची तत्वे सोइस्तर स्पष्ट करा. 15
ब) वेट ट्रेनिंगचे आधुनिक तंत्र स्पष्ट करा.

प्र.5 टिपा लिहा. (कोणत्याही चार)

- अ) लवचिकतेचे प्रकार 20
ब) दमदारपणाचे प्रशिक्षण
क) ताकतीचे प्रशिक्षण
ड) उतेजक व्यायाम
इ) श्वसनाचे तंत्र

Seat No.	
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Set **P**

M.P.Ed. (Semester - III) (New) (CBCS) Examination: March/April-2024
Physical Fitness and Wellness (20503310)

Day & Date: Wednesday, 24-04-2024
 Time: 09:00 AM To 12:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
 2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) Which type of workout focuses on resistance training.
 - a) Circuit training
 - b) Interval training
 - c) Flexibility training
 - d) Cardio respiratory endurance
- 2) Interval training is best used to improve which types of fitness.
 - a) Aerobic fitness
 - b) Muscular fitness
 - c) Anaerobic fitness
 - d) None of these
- 3) When using continuous training your heart rate should _____.
 - a) Above 180 bpm
 - b) In your aerobic training zone
 - c) Both a and b
 - d) None of these
- 4) Which is the main component of fitness developed by attending on aerobic class?
 - a) Cardiovascular fitness
 - b) Strength
 - c) Flexibility
 - d) Balance
- 5) Isometric exercise is the one in which muscle length is _____.
 - a) Constant
 - b) Shortened
 - c) A and B both
 - d) None of these
- 6) Pushing against the stationary wall is an example of _____.
 - a) Isometric exercise
 - b) Isokinetic exercise
 - c) Isotonic exercise
 - d) None of these
- 7) Sprinting speed is best developed through _____.
 - a) Weight training
 - b) Interval training
 - c) Both A and B
 - d) None of these
- 8) As you work against resistance by lifting, pushing or pulling _____.
 - a) In heal
 - b) Exhale
 - c) Hold
 - d) None of these
- 9) _____ are the benefits of strength training.
 - a) Increasing muscles mass
 - b) increasing bone density
 - c) Both A and B
 - d) None of these
- 10) Squats, push up, pull ups is _____ training.
 - a) Agility
 - b) Flexibility
 - c) Strength
 - d) None of these

Q.2 Answer the following questions.

- a) Explain in details balanced diet. 10
- b) Explain in details free hand exercise. 10

- Q.3 Answer the following questions. (Any One) 15**
- a) Explain in details components of physical fitness.
 - b) Explain weight machines exercise and circuit training exercise.
- Q.4 Answer the following questions (Any One) 15**
- a) Explain principles of physical fitness in details.
 - b) Explain Advanced techniques of weight training.
- Q.5 Write Short Notes. (Any Four) 20**
- a) Types of Flexibility
 - b) Endurance training
 - c) Strength training
 - d) Warm-up
 - e) Breathing technique

- Q.2 Answer the following questions.**
- a) Explain the challenges of integrating ICT in Physical Education. **10**
 - b) What is the importance of ICT in Physical Education? **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Discuss the features of MS-word in detail.
 - b) Explain the use of MS-excel in Physical Education.
- Q.4 Answer the following questions. (Any One)** **15**
- a) Explain any three input devices in detail.
 - b) Explain the scope of ICT in teaching-learning process.
- Q.5 Write Short Notes: (Any Four)** **20**
- a) Computer memory
 - b) Web browsers
 - c) Project based learning
 - d) Collaborative learning
 - e) Communication barriers

Seat No.	
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Set **P**

M.P.Ed. (Semester - IV) (New) (CBCS) Examination: March/April-2024
Sports Psychology and Sport Sociology (20503402)

Day & Date: Thursday, 18-04-2024
 Time: 09:00 AM To 12:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
 2) The candidates should read the original questions in English.

Q.1 Choose the correct alternative from the following options. 10

- 1) Which of the following is the example of Trait theory of personality _____.
 a) Sheldon's classification b) Jung classification
 c) Both a and b d) None of these
- 2) Hostile aggression is also known as _____ aggression.
 a) Reactive b) Channeled
 c) Assertive d) All of these
- 3) Which of the following are the basic sources of a stress _____?
 a) The Environment b) Physiological
 c) Both a and b d) None of these
- 4) The following are the characteristics of positive stress _____.
 a) It improves performance b) It motivates
 c) Both a and b d) None of these
- 5) The following are the characteristics of negative stress _____.
 a) It causes anxiety b) It feels unpleasant
 c) It decreases performance d) All of these
- 6) Area of individual differences is _____.
 a) Gender difference b) Body structure
 c) Mental Ability d) All of above
- 7) The sports sociologist should have a background of _____.
 a) Psychology b) Sociology
 c) Anatomy d) Both a and b
- 8) Richard Alderman defined motivation in _____ year.
 a) 1974 b) 1975
 c) 1976 d) 1977
- 9) Cattell proved his personality definition in _____ year.
 a) 1951 b) 1950
 c) 1953 d) 1954
- 10) _____ is a science of human behavior.
 a) Anatomy b) Psychology
 c) Both a and b d) None of these

- Q.2 Answer the following questions.**
- a) Explain in details factor affecting individual difference. **10**
 - b) Explain in details group dynamic. **10**
- Q.3 Answer the following questions. (Any One)** **15**
- a) Explain in details National integration through Physical Education and Sports.
 - b) Explain in details importance of sports psychology in Physical Education and Sports.
- Q.4 Answer the following questions (Any One)** **15**
- a) Explain in details Leadership development through Physical Education and Sports.
 - b) Explain in details types of motivation and sports performance.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Anxiety and sports performance
 - b) Stress and Sports performance
 - c) Aggression and sports performance
 - d) Personality and sports performance
 - e) Women's in sports

Seat No.	
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**M.P.Ed. (Semester - IV) (New) (CBCS) Examination: March/April-2024
Value and environmental Education (20503408)**

Day & Date: Saturday, 20-04-2024
Time: 09:00 AM To 12:00 PM

Max. Marks: 80

Instructions: 1) All questions are compulsory.
2) Figures to the right indicate full marks.

Q.1 Choose the correct alternative from the following options. 10

- 1) _____ unit to measure sound pollution.
 - a) Kilogram
 - b) Pound
 - c) Decibel
 - d) Meter
- 2) Which of the following is not principle of value education.
 - a) Think positive
 - b) Discover inner peace
 - c) Depth & Variety
 - d) None of these
- 3) _____ is the important for value inculcation.
 - a) Teacher
 - b) Father
 - c) Both A & B
 - d) None of these
- 4) Which of the following type of values is given by Socrates.
 - a) Physical goodness
 - b) Philosophical goodness
 - c) Psychological goodness
 - d) None of these
- 5) Value changes According to _____.
 - a) While
 - b) Money
 - c) Object
 - d) Nature
- 6) In which year Appiko movement was started _____.
 - a) 1983
 - b) 1993
 - c) 2003
 - d) 2013
- 7) Environmental issues deals with _____.
 - a) Air
 - b) Water
 - c) Both A & B
 - d) None of these
- 8) Who started the Chipko movement?
 - a) Vilasrao Deshmukh
 - b) R. R. Patil
 - c) Sundarlal Bahuguna
 - d) Shard Pawar
- 9) Ganga purification campaign scheme this aim was decide by _____.
 - a) Narendra Modi
 - b) Indira Gandhi
 - c) Rahul Gandhi
 - d) Nitin Gadkari
- 10) Developing quality of environment is the major _____ of environment.
 - a) Scope
 - b) Look
 - c) Aim
 - d) None of these

- Q.2 Answer the following questions.**
- a) Explain Remedial measure of environmental problems. **10**
 - b) Explain law of conservation of plants and animals. **10**
- Q.3 Answer the following question. (Any One)** **15**
- a) Explain the concept, need and importance of environmental education.
 - b) Define air pollution. Explain the effect of air pollution & water pollution on human life.
- Q.4 Answer the following question. (Any One)** **15**
- a) Explain the role of schools in environmental conservation and sustainable development.
 - b) Give the list of environmental project & explain in detail any one.
- Q.5 Write Short Notes. (Any Four)** **20**
- a) Soil pollution
 - b) Role of Parents in value education
 - c) Noise pollution
 - d) Pollution and Govt policies
 - e) Waste management in collage