

R6902

Sub. Code

**7202T1/
7242T1**

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Second Semester

Physical Education / Yoga

TAMIL –II

[Common for B.Sc. Physical Education / B.Sc. Yoga]

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 1 = 10)

**அனைத்து வினாக்களுக்கும் சரியான விடையைத் தேர்ந்தெடுத்து
எழுதுக.**

1. மதுரைக் காண்டத்தில் இடம்பெறும் காதைகள் எத்தனை?
(அ) 7 (ஆ) 10
(இ) 13 (ஈ) 16
2. 'அந்தி மாலைச் சிறப்பு செய் காதை' இடம் பெற்றுள்ள நூல்
(அ) சிலப்பதிகாரம் (ஆ) மணிமேகலை
(இ) சீவகசிந்தாமணி (ஈ) குண்டலகேசி
3. கம்பராமாயணத்தில் இடம்பெறும் காண்டங்கள் எத்தனை
(அ) 5 (ஆ) 6
(இ) 7 (ஈ) 8
4. பெரியபுராணத்தை இயற்றியவர்
(அ) அதிரா அடிகள் (ஆ) திருமூலர்
(இ) சேந்தனார் (ஈ) சேக்கிழார்

5. 'பாஞ்சாலி சபதம்' என்னும் நூலை எழுதியவர்
 (அ) பாரதிதாசன் (ஆ) சுரதா
 (இ) பாரதியார் (ஈ) முடியரசு
6. பாஞ்சாலி சபதத்தில் இடம்பெறும் சருக்கங்கள் எத்தனை?
 (அ) 5 (ஆ) 6
 (இ) 7 (ஈ) 8
7. தமிழைச் செம்மொழியாக அறிவிக்கப்பட்ட ஆண்டு
 (அ) 2000 (ஆ) 2004
 (இ) 2008 (ஈ) 2010
8. தமிழ்ச் செம்மொழி நூல்கள் எத்தனை?
 (அ) 39 (ஆ) 41
 (இ) 43 (ஈ) 45
9. 'சூளாமணி' என்னும் நூலை எழுதியவர்
 (அ) திருத்தக்க தேவர்
 (ஆ) நாதகுத்தனார்
 (இ) திருமாளிகைத் தேவர்
 (ஈ) தோலா மொழித்தேவர்
10. 'திருக்கயிலாய ஞான உலா' என்னும் நூலை எழுதியவர்
 (அ) ஒட்டக்கூத்தர் (ஆ) சேரமான் பெருமாள் நாயனார்
 (இ) படிக்காசுப் புலவர் (ஈ) இரட்டையர்கள்

பகுதி ஆ

(5 × 5 = 25)

அனைத்து வினாக்களுக்கும் விடையளி.

11. (அ) சிலப்பதிகாரம் பற்றி குறிப்பு வரைக.

(அல்லது)

- (ஆ) மணிமேகலை பற்றி குறிப்பு வரைக.

12. (அ) கம்பராமாயணம் பற்றிக் கூறுக.
(அல்லது)
(ஆ) அயோத்தியா காண்டம் பற்றிக் கூறுக.
13. (அ) பாரதியார் பற்றி குறிப்பு வரைக.
(அல்லது)
(ஆ) 'பாஞ்சாலி சபதம்' பற்றி விளக்குக.
14. (அ) தமிழ்ச் செம்மொழி இலக்கியங்கள் - சிறுகுறிப்பு வரைக.
(அல்லது)
(ஆ) தொல்காப்பியம் பற்றி விளக்குக.
15. (அ) ஐஞ்சிறு காப்பியங்கள் பற்றி குறிப்பு வரைக.
(அல்லது)
(ஆ) குறிப்பு வரைக.
(i) கலம்பகம்
(ii) உலா
(iii) பரணி

பகுதி இ (5 × 8 = 40)

எவையேனும் ஐந்து வினாக்களுக்கு விடையளி.

16. மணிமேகலை குறிப்பிடும் ஆதிரை பிச்சையிட்ட கதை வெளிப்படுத்தும் நிகழ்வினை விளக்குக.
17. கம்பராமாயணத்தில் கைகேயி சூழ்ச்சிச் செய்யும் பாங்கினை விளக்குக.
18. பாரதியார் பாடல்களில் சமுதாயச் சிந்தனைகளை தொகுத்துரைக்க.
19. துரியோதனன் சூழ்ச்சி சருக்கம் பற்றி விரிவாக எழுதுக.

20. தமிழ்ச் செம்மொழி வரலாற்றினை விரிவாக விளக்குக.
 21. சிற்றிலக்கியத் தோற்றம் வளர்ச்சியினை விளக்குக.
 22. இலக்கண நூல்களைப் பற்றி நும் பாடப்பகுதி கொண்டு விளக்குக.
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R6640

Sub. Code

922CE

**(All UG PROGRAMS) DEGREE EXAMINATION,
APRIL – 2022**

Second Semester

English

Part II — COMMUNICATIVE ENGLISH — II

(Common for All U.G. Programmes)

(CBCS – 2020 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Give the antonyms of the following :
 - (a) Bleak
 - (b) Ominous
2. Fill in the blanks with suitable adverbs :
 - (a) She arrived _____ for the meeting
 - (b) We should work _____.
3. What is a welcome speech?
4. Frame sentences using the idioms (a) burning the midnight oil (b) make the ends meet.
5. What are the benefits of reading aloud?
6. Write one word substitutes for the following :
 - (a) Present everywhere
 - (b) fear of water

7. Identify the type of sentence :
 - (a) How thrilling the movie was !
 - (b) Do you like coffee?
8. What is a brochure?
9. Give two tips for interview.
10. Differentiate a clause and a phase.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write a paragraph on the proverb, “Actions speak louder than words”.

Or

- (b) Write the synonyms for the following words :
 - (i) abundant
 - (ii) linger
 - (iii) optimistic
 - (iv) inept
 - (v) soothe.

12. (a) What is Intonation? Explain with examples.

Or

- (b) Explain the important elements of a ‘vote of thanks’ speech.

13. (a) How can you make your PPT presentation effective?

Or

- (b) What are the different components of an email?

14. (a) Differentiate 'denotation' and 'connotation' with examples.

Or

- (b) Mention some of the Do's and Don'ts during an online meeting.

15. (a) What are the elements of feature writing?

Or

- (b) Write a job application letter for the post of Assistant Professor in ABC college, Chennai.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Fill in the blanks with suitable prepositions :

- (a) we have been playing ————— morning.
(b) ————— brave, he is not intelligent.
(c) This work is ————— your dignity.
(d) I will come there ————— a week.
(e) Can you write ————— this pen?
(f) She put a bandage ————— the boy's cut finger.
(g) My uncle has invested a lot of money ————— farming.
(h) We have been working in this company ————— twenty years.
(i) He is laboring ————— a misapprehension, but laboring ————— a cause.
(j) The plane flew ————— the clouds.

17. Write a film review on the film you recently watched.
18. Write the one-word substitution for the following.
- (a) A human who eats human flesh.
 - (b) A room in a public building where outdoor clothes luggage maybe left.
 - (c) A place where coins are made.
 - (d) A person who is mentally ill.
 - (e) Fear of closed spaces.
 - (f) One who studies the evolution of mankind.
 - (g) One who doesn't take any alcoholic drinks.
 - (h) A speech prepared without any previous preparation.
 - (i) A disease which attacks many people in a particular area in one time.
 - (j) The one who loves good food and knows a lot about it.
19. Prepare a 'Brochure' for 'Spoken English' course.
20. Write ten utterances that takes place in a formal job interview.
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R6641

Sub. Code

**4532ES/
9HM2S1/
9BV2G1/
7BES2/
4BES2**

ALL U.G. DEGREE EXAMINATION, APRIL – 2022

Second Semester

General Subject

ENVIRONMENTAL STUDIES

(Common for All UG Programmes)

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

Explain the following Terms :

1. Abiotic factors
உயிரற்ற காரணிகள்
2. Biosphere
உயிரிய மண்டலம்
3. Soil fertilizer
மண் செழுமை
4. Food Resources
உணவு வளங்கள்

5. Energy flow

ஆற்றல் ஓட்டம்

6. Food Web

உணவு வலை

7. Species Diversity

இன வேறுபாடு

8. Endemic species

ஒரு பகுதியில் மட்டும் காணப்படும் இனங்கள்

9. Air Pollutants

காற்று மாசாக்கிகள்

10. Soil Pollution

நில மாசுபாடு

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write in detail about aim of environmental studies.

சுற்றுச்சூழல் கல்வியின் நோக்கம் பற்றி எழுதுக.

Or

(b) List the uses of Mineral Resources.

தாது வளங்களின் பயன்கள் பற்றி எழுதுக.

12. (a) Write a short notes on dams. Add a note on their effect on forests and tribal people.

அணைகள் பற்றி சிறு குறிப்பு வரைக. இவைகளால் காடுகளுக்கும், பழங்குடி மக்களுக்கும் ஏற்படும் விளைவுகள் பற்றி எழுதுக.

Or

- (b) Enumerate the role of individual in conservation of natural resources.

இயற்கை வளங்களை பாதுகாப்பதில் தனி மனித பங்கு பற்றி தொகுத்து எழுதுக.

13. (a) Give an account of structure and functions of an Eco systems.

சூழியத் தொகுதியின் அமைப்பு மற்றும் வேலைகள் பற்றி எழுதுக.

Or

- (b) List the value of Biodiversity.

பல்லுயிரின வேறுபாட்டின் மதிப்புகளை எழுதுக.

14. (a) Illustrate Ecological Pyramids.

சூழ்நிலை பிரமிடுகள் பற்றி படத்துடன் விளக்குக.

Or

- (b) Describe Hot spots of Biodiversity.

பல்லுயிரின வேறுபாடு கொண்ட சிறப்பிடங்கள் பற்றி விவரி.

15. (a) Write in detail about causes of Marine Pollution.

கடல் நீர் மாசுபாட்டிற்கான காரணங்கள் பற்றி எழுதுக.

Or

- (b) Discuss the effect of Nuclear hazards.

அணுக்கரு ஆபத்துகள் எவ்வாறான விளைவுகளை ஏற்படுத்துகின்றன என்பதை எழுதுக.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write an essay on conservation of Environment.

சுற்றுச்சூழலை பாதுகாத்தல் பற்றி ஒரு கட்டுரை வரைக.

17. List the forest resources. Add a note on their uses and over exploitation.

காடு வளங்கள் பற்றி எழுதுக. காடு வளங்கள் எவ்வாறு உதவுகின்றன, அவைகள் எவ்வாறு அதிகமாக உபயோகப் படுத்தப்படுகின்றன.

18. Describe an energy flow in the eco system.

ஒரு சூழிய தொகுதியில் ஆற்றல் ஓட்டம் எப்படி நடக்கிறது என்பதை விவரி.

19. List and explain threats to Biodiversity.

பல்லுயிரின வேறுபாட்டுக்கு ஏற்படும் அச்சுறுத்தல்களை வகைப்படுத்தி விளக்குக.

20. Give an account of Air Pollution.

காற்று மாசுபாட்டை பற்றி தொகுத்து எழுதுக.

R6675

Sub. Code

92BPEA

**B.A/BFA/BPA/B.Sc. DEGREE EXAMINATION,
APRIL – 2022**

Second Semester

Gender Studies/Painting/ Bharathanatyam/ Music (Vocal)/
Physical Education

**PROFESSIONAL ENGLISH FOR ARTS AND SOCIAL
SCIENCES – II**

(Common for B.A. Gender Studies/BFA Painting/BPA
Bharathanatyam/BPA Music (Vocal)/B.Sc. Physical
Education/B.Sc Yoga)

(CBCS – 2020 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

1. Give the antonyms for the words given below:
 - (a) rebellious
 - (b) slavery
 - (c) prodigious
 - (d) poverty

2. Match the following words with their meanings
 - (a) ideal - not working being lazy
 - (b) idle - the best possible
 - (c) stationary- writing materials
 - (d) stationery - not moving, not changing

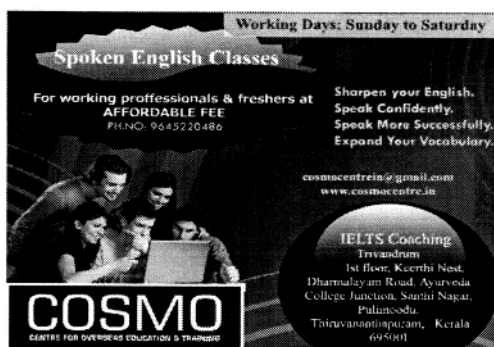
3. Find out the meaning of the following idiom and make a sentence by using it: 'silver tongue'.
4. Prepare a pro-and-con chart for the following topic: 'Is sports a must'?
5. What are the tools required for video conferencing?
6. What is vlog?
7. What is a flyer?
8. What is the purpose of creating a web page?
9. What is academic listening?
10. What is a short film?

Part B

(5 × 5 = 25)

Answer any **five** questions

11. Write a brief note on the Do's and Don'ts of interview,
12. Prepare a speech on the following topic for just a minute: 'Indian Society'.
13. Read the following advertisement and do as directed



- (a) What is the advertisement about?
- (b) What is the offer of the class?
- (c) What is the course timing of the class?
- (d) What are the specialties of the course?

14. What are the measures on the development of dialogue skills?
15. Write a short note on 'interview skills'.
16. Briefly explain the basic HTML coding.
17. Write a short note on video conferencing skills.
18. How to create a blog?

Part C

(3 × 10 = 30)

Answer any **three** questions.

19. Elucidate the basic debating skills.
 20. Write an argumentative essay on the significance of social harmony.
 21. Describe the techniques for inculcating active listening.
 22. Design a web page related to any topic of your choice pertaining to your subject area.
 23. Write an essay on how to become a Vlogger.
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R6903

Sub. Code

720203

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Second Semester

Physical Education

ANATOMY AND PHYSIOLOGY

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

Choose the correct answer

1. The study of bone is _____
(a) Anatomy (b) Osteology
(c) Histology (d) Myology
2. The Irregular bone is found in the _____
(a) Limbs (b) Vertebrae
(c) Skull (d) Knee
3. Cardiac Muscle is present in _____
(a) Heart (b) Lungs
(c) Stomach (d) Limbs
4. Bone is the hardest of the _____ tissues
(a) Epithelial (b) Connective
(c) Muscular (d) Nervous

5. An Outer covering of the heart is called _____
(a) Pericardium (b) Aorta
(c) Sternum (d) Leucocytes
6. The part of the kidney which is reddish-brown in color
(a) Inner Medulla (b) Aorta
(c) Outer Cortex (d) Renal artery
7. The Pancreas is located in _____
(a) Abdominal wall (b) Kidney
(c) Brain (d) Neck
8. The Adrenal glands is situated on the top of the _____
(a) Ovaries (b) kidney
(c) Brain (d) Neck
9. The inner layer of the skin is called _____
(a) Dermis (b) Epidermis
(c) Sebum (d) Capillary
10. The eye muscle which moves downwards is
(a) Superior rectus (b) Inferior rectus
(c) Medial rectus (d) Lateral Oblique

Part B (5 × 5 = 25)

Answer **all** the questions, choosing either (a) or (b).

11. (a) Write the Meaning of anatomy and Physiology.

Or

- (b) List out the tissues and write a short note on connective tissues.

12. (a) Write a short note on classification of bones.

Or

(b) Briefly explain the cardio output.

13. (a) Write a short note on blood pressure and types.

Or

(b) What are the functions of Respiration?

14. (a) Draw a brain and mark its parts.

Or

(b) What are the functions of Kidney?

15. (a) Draw a neat diagram on heart.

Or

(b) What are the functions of thyroid glands?

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Describe the structure and functions of the muscular system with a neat diagram.

17. Explain the need and importance of anatomy and physiology for physical education and sports.

18. Explain the structure and Functions of joints.

19. Clarify the structure and functions of circulatory system with a neat diagram.

20. Explain the structure and function of ear with a neat diagram.

21. Explain the functions of Nervous System.

22. Illuminate the functions of formation of urine.

R6904

Sub. Code

720204

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Second Semester

Physical Education

THEORIES OF SPORTS AND GAMES – I

**(BASKETBALL, HANDBALL, FOOTBALL, HOCKEY AND
VOLLEYBALL)**

(CBCS – 2019 onwards)

Time : Three Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Duration of Football match are

- (a) 35-5-35 (b) 45-10-45
(c) 35-15-35 (d) 45-15-45

2. FIFA

- (a) The Federation International De Football
Association
(b) The International Federations De Football
Association
(c) The International Federations Associations of
Football
(d) The Federation Association International De
Football

3. Nehru Gold Cup is associated with _____
(a) Football (b) Hockey
(c) Volleyball (d) Handball
4. The Maximum length of the hockey field is _____
(a) 91.20 mts
(b) 91.40 mts
(c) 91.50 mts
(d) 91.30 mts
5. The Maximum length of the Handball court is
(a) 40mts
(b) 42 mts
(c) 45 mts
(d) 43mts
6. IHF
(a) The Federation International Handball
(b) The International Federations Handball
(c) The International Handball Federation
(d) The International Hockey Federation
7. Nehru Trophy is associated with _____
(a) Football
(b) Hockey
(c) Volleyball
(d) Handball
8. The Maximum length of the Basketball court is
(a) 29 mts (b) 28 mts
(c) 38 mts (d) 39 mts

9. William Jones Cup is associated with _____
- (a) Football (b) Hockey
(c) Basketball (d) Handball
10. The length of the back board is
- (a) 1.05 mts (b) 1.10 mts
(c) 1.20 mts (d) 1.25 mts

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write short notes on history of handball.
- Or
- (b) Write short notes on history of volleyball.
12. (a) Brief write about the maintenance of the play field.
- Or
- (b) Draw and explain the any five official signals of handball game.
13. (a) Write down the major trophies in basketball game.
- Or
- (b) Write the specifications of Football game.
14. (a) Draw a neat diagram of volleyball court with all measurements.
- Or
- (b) Write about the rules of Tie breaking in Handball.
15. (a) Point out any five general rules of basketball.
- Or
- (b) Describe the duties of scorer in basketball game.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Describe the history of basketball.
 17. Explain the system of playing in hockey.
 18. Discuss about the rules and interpretation of volleyball.
 19. Describe the ten penal rules in football.
 20. Draw a neat diagram of Basketball and its Markings.
 21. Illustrate the basic skills and drills in the hockey.
 22. Explain the officiating mechanism of handball and basketball.
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R6905

Sub. Code

720703

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Second Semester

Physical Education

SPORTS NUTRITION

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

Choose the correct answer:

1. The Carbohydrates is deficiency symptoms _____
 - (a) Loss of weight
 - (b) Rickets
 - (c) Nerve and Muscle activity
 - (d) Dry Skin

2. The Sodium is essential for _____
 - (a) Energy
 - (b) Water Balance
 - (c) Strengthening bones
 - (d) Growth

3. The Rich Sources of Iron is _____
 - (a) Potatoes
 - (b) Cheese
 - (c) Whole grains
 - (d) Beans

4. The Iodine is essential for _____
- (a) Energy
 - (b) Balance
 - (c) Strengthening bones
 - (d) Thyroid hormone
5. The Rich Sources of Protein is _____
- (a) Potatoes
 - (b) Cheese
 - (c) Grains
 - (d) Beans
6. The Vitamin A is deficiency symptoms
- (a) Loss of weight
 - (b) Rickets
 - (c) Nerve and Muscle activity
 - (d) Night Blindness
7. The Rich Sources of Vitamin B₂ is _____
- (a) Potatoes
 - (b) Cheese
 - (c) Grains
 - (d) Beans
8. The Vitamin A is essential for _____
- (a) Teeth and Structure
 - (b) Balance
 - (c) Energy
 - (d) Thyroid hormone

9. Which is the Fat soluble vitamin _____?
- (a) Vitamin A
 - (b) Vitamin B₂
 - (c) Vitamin B₁
 - (d) Vitamin B₁₂
10. The Supreme governing body of WHO is
- (a) World health assembly
 - (b) South East Asia region
 - (c) UNICEF
 - (d) All the above

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Brief the need of nutrition.
- Or
- (b) Point out the basic nutrition.
12. (a) List Out the energy requirements in sports.
- Or
- (b) List out the carbohydrate food.
13. (a) Brief the water needs and its importance
- Or
- (b) Dehydration – Give a short note
14. (a) What is protein?
- Or
- (b) Write about the functions of minerals.

15. (a) Definition of Aerobic and Anaerobic exercise

Or

(b) What is the low glycemic index of food?

Part C

(5 × 8 = 40)

Answer **any five** questions.

16. Explain the nutrition tips for athletes.
17. Explain the need and importance of Nutrition for physical education and sports.
18. Explain the Nutrition recommendations for endurance athletes.
19. Discuss the uses and functions of minerals.
20. Describe the dietary fiber of food.
21. Explain the water need and it's important of competition.
22. Explain the difference between pre game meal and post-game meal.

R6906

Sub. Code

**7204T1/
7244T1**

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Fourth Semester

Physical Education / Yoga

TAMIL – IV

(Common for B.Sc. Physical Education /B.Sc. Yoga)

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

பகுதி அ

(10 × 1 = 10)

**அனைத்து வினாக்களுக்கும் சரியான விடையைத் தேர்ந்தெடுத்து
எழுதுக.**

1. புறம், புறப்பாட்டு என அழைக்கப்பெறும் நூல்
(அ) பரிபாடல் (ஆ) புறநானூறு
(இ) பதிற்றுப்பத்து (ஈ) மதுரைக் காஞ்சி
2. புறநானூறு எப்பாவால் பாடப்பட்டது
(அ) வெண்பா (ஆ) அகவற்பா
(இ) கலிப்பா (ஈ) வஞ்சிப்பா
3. குறுந்தொகையின் அடி வரையறை
(அ) 3-6 (ஆ) 4-8
(இ) 9-12 (ஈ) 13-31
4. 'இந்திரவிழா' பற்றிக் கூறும் தொகை நூல்
(அ) குறுந்தொகை (ஆ) நற்றிணை
(இ) கலித்தொகை (ஈ) ஐங்குறுநூறு

5. 'வேளாள்வேதம்' என்று அழைக்கப்படும் நூல்
 (அ) நான்மணிக்கடிகை (ஆ) நாலடியார்
 (இ) ஆசாரக் கோவை (ஈ) சிறுபஞ்ச மூலம்
6. நாலடியாரில் இடம்பெறும் இயல்கள் எத்தனை
 (அ) 10 (ஆ) 11
 (இ) 12 (ஈ) 13
7. 'குறிஞ்சி மலர்' என்னும் நூலை எழுதியவர்
 (அ) கி.ரா. (ஆ) அண்ணா
 (இ) மு.மேத்தா (ஈ) நா. பார்த்தசாரதி
8. 'பூரணி' என்னும் கதாப்பாத்திரம் இடம் பெறும் நூல்
 (அ) குறிஞ்சி மலர் (ஆ) பொன் விலங்கு
 (இ) சமுதாய வீதி (ஈ) துளசி மாடம்
9. எட்டுத்தொகை நூல்களில் புற நூல்கள் எத்தனை
 (அ) 2 (ஆ) 3
 (இ) 4 (ஈ) 5
10. 'குறிஞ்சிப் பாட்டு' என்னும் நூலை எழுதியவர்
 (அ) நக்கீரர் (ஆ) பரணர்
 (இ) கபிலர் (ஈ) நப்பூதனார்

பகுதி ஆ

(5 × 5 = 25)

அனைத்து வினாக்களுக்கும் விடையளி.

11. (அ) புறநானூறு - குறிப்பு வரைக.

(அல்லது)

(ஆ) ஐம்பூதங்கள் இடம் பெறும் நிலையினை விளக்குக.

12. (அ) ஐங்குறுநூறு பற்றி குறிப்பு வரைக.

(அல்லது)

(ஆ) குறுந்தொகை பற்றி குறிப்பு வரைக.

13. (அ) நாலடியார் பற்றி குறிப்பு வரைக.

(அல்லது)

(ஆ) செல்வம் நிலையாமை குறித்து விளக்குக.

14. (அ) நா.பார்த்தசாரதி பற்றிக் கூறுக.

(அல்லது)

(ஆ) குறிஞ்சிமலர் நாவலில் இடம்பெறும் கதை மாந்தர்களை விளக்குக.

15. (அ) பத்துப்பாட்டு புற நூல்களைப் பற்றி விளக்குக.

(அல்லது)

(ஆ) எட்டுத்தொகை அக நூல்களை விளக்குக.

பகுதி இ

(5 × 8 = 40)

எவையேனும் ஐந்து வினாக்களுக்கு மட்டும் விடையளி.

16. புறநானூற்றுப் பாடல்களை நும் பாடப்பகுதி கொண்டு விரிவாக விளக்குக.

17. ஐங்குறுநூறில் இடம்பெறும் விலங்கினைச் செய்திகளை களவன் பத்து மூலம் விளக்குக.

18. இரவும் எருமையும், நாட்டியமாடும் தலைவன் தலைவியைப் பற்றி குறுந்தொகைப் பாடல்கள் மூலம் விளக்குக.

19. நாலடியாரில் துறவற இயல் வெளிப்படுத்து நிலையாமையினை தொகுத்துரைக்க.

20. நாவலின் தோற்றம் வளர்ச்சியினை விளக்குக.
21. பத்துப்பாட்டில் ஆற்றுப்படை நூல்களைப் பற்றி விரிவாக விளக்குக.
22. பாரம்பரிய வீர விளையாட்டுகளைப் பற்றி கட்டுரை வரைக.
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R-6907

Sub. Code

**7204H1/
7244H1**

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Fourth Semester

Physical Education/Yoga

HINDI — IV

(Common for B.Sc. Physical Education/B.Sc. Yoga)

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer all questions.

1. “लेडि बै शक्सेना” — क्या है?
 - (a) नाटक
 - (b) कविता
 - (c) एकांकी
 - (d) उपन्यास
2. पंचमृति का लेखक कौन है?
 - (a) गुप्त
 - (b) दिनकर
 - (c) पंत
 - (d) निराला
3. “मालव प्रेम” एकांकी के लेखक कौन है?
 - (a) हरिकृष्ण प्रेमी
 - (b) शौकत
 - (c) प्रेमचन्द
 - (d) दिनकर

4. मालव राज्य का सेनापति कौन है?
(a) जयदेव (b) चन्द्रगुप्त
(c) शकराज (d) महादेव
5. हमारी राष्ट्र भाषा क्या है?
(a) तमिल (b) हिन्दी
(c) अंग्रजी (d) संस्कृत
6. समाज के मुख्य प्रथा क्या है?
(a) स्वार्थ (b) दहेज प्रथा
(c) विवाह (d) अर्थ
7. “अनुशासन” का अर्थ अंग्रेजी में क्या है?
(a) Merit (b) Merce
(c) Discipline (d) Angry
8. “बातचीत” का अर्थ अंग्रेजी में क्या है?
(a) Speak (b) Conversation
(c) To talk (d) To see
9. “Mouth” का अर्थ हिन्दी में क्या है?
(a) आँख (b) नाक्
(c) मुँह (d) कान
10. “Tongue” का अर्थ हिन्दी में क्या है?
(a) जीभ (b) सिर
(c) पैर (d) कपाल

Part B**(5 × 5 = 25)**Answer **all** questions, choosing either (a) or (b).

11. (a) “नाटक” का अर्थ लिखिये।
(या)
(b) ‘शक्सेना’ नाटक में क्या मुख्यत्व है? विचार कीजिये।
12. (a) ‘दस हजार’ — एकांकी के बारे में लिखिये।
(या)
(b) ‘पंचमृति’ — प्रस्तुत कीजिये।
13. (a) ‘शंगनक’ (Computer) के बारे में लिखिये।
(या)
(b) किसी एक त्योहार के बारे में प्रस्तुत कीजिये।
14. (a) किसी खेल के बारे में — दो लड़कों की बातचीत।
(या)
(b) दूकान में — दूकानदार और एक लड़के की बातचीत।
15. (a) कसरत के मुख्य — प्रस्तुत कीजिये।
(या)
(b) शरीर के मुख्य अंग क्या-क्या है?

Part C**(5 × 8 = 40)**Answer any **five** questions.

16. “लेडि शक्सेना” नाटक में समाज भावना क्या क्या है? प्रकट कीजिये।
17. “मालव प्रेम” — एकांकी का सारांश पूरा लिखिये।
18. “अनुशासन” के आवश्यकता के बारे में अपने विचार प्रस्तुत कीजिये।

19. “परीक्षा के बारे में” — दो विद्यार्थियों की बातचीत लिखिये।
 20. किसी एक खेल के बारे में स्वयं विचार करके प्रस्तुत कीजिये।
 21. प्रदूषण कितने प्रकार के हैं? वे क्या-क्या हैं?
 22. राष्ट्रभाषा हिन्दी के बारे में विचार कीजिए।
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R6908

Sub. Code

**7204E1/
7244E1**

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Fourth Semester

Physical Education/Yoga

ENGLISH FOR EFFECTIVE COMMUNICATION — IV

(Common for B.Sc. Physics Education/B.Sc. Yoga)

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** the questions.

1. Billboard is an example for _____
(a) Broadcast media (b) Transit
(c) Print Media (d) Online media
2. My mother is _____ honest woman.
(a) a (b) an
(c) the (d) one
3. It is raining _____
(a) heavy (b) heavily
(c) heaviest (d) heavier
4. A bad worker always blames his _____
(a) fate (b) tools
(c) equipment (d) misfortune

5. A brochure is _____ paper document.
- (a) informative (b) formative
(c) layer (d) length
6. Cover letters are typically divided into _____ category.
- (a) One (b) Two
(c) Three (d) Four
7. Precise writing is a _____
- (a) summarize (b) explanation
(c) expose (d) elaboration
8. Which letter contains certain norms to follow letter writing?
- (a) formal letter (b) informal letter
(c) precis writing (d) note making
9. Journal articles focus on
- (a) research (b) review
(c) booklets (d) paragraph
10. Role play means _____
- (a) the act of imitating the character
(b) the act of imitating the sound
(c) the act of imitating the tree
(d) the act of imitating the navy

Part B

(5 × 5 = 25)

Answer **all** the questions, choosing either (a) or (b).

11. (a) Make a note on In-person communication.

Or

- (b) How to enhance and develop the level of confidence?

12. (a) State the tips for final writing.

Or

- (b) Comment on the language used in newspaper articles.

13. (a) Prepare a Bio-Data for the post of Branch Manager.

Or

- (b) How to design an effective Curriculum Vitae?

14. (a) Give a short note on how to design Resume.

Or

- (b) List out the parts of a Resume.

15. (a) Define Job Interview.

Or

- (b) Bring out the significance of interview strategies.

Part C

(5 × 8 = 40)

Answer any **five** of the following questions.

16. Explain the role of Emails in communication.

17. Mention the ways to improve one's communication skills.

18. Differentiate between Communication and job communication.
 19. Write a detailed note on the important components in Job application letters.
 20. Write an appropriate resume for joining in the marketing company.
 21. Trace out the characteristics of the Job Interview.
 22. Elucidate the types of Job interviews.
-

R6909

Sub. Code

720403

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Fourth Semester

Physical Education

PHYSIOLOGY OF EXERCISE

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The skeletal muscle is otherwise called as
 - (a) Straited muscle
 - (b) Involuntary muscle
 - (c) Cardiac muscle
 - (d) Unstriated muscle
2. Aerobic capacity contributes
 - (a) Endurance Development
 - (b) Strength development
 - (c) Speed development
 - (d) Power development
3. The outer layer of muscle is called as
 - (a) Myocardium
 - (b) Pericardium
 - (c) Endocardium
 - (d) Epimysium
4. A thin filament of myofibrils are called as
 - (a) Actin
 - (b) Myosin
 - (c) Actomyosin
 - (d) Troponin

5. The amount of blood pumped from the heart per minute
- (a) Residual volume
 - (b) Vital capacity
 - (c) Tidal volume
 - (d) Cardiac output
6. The synthesis of molecules to stored energy is
- (a) Anabolism
 - (b) Catabolism
 - (c) Metabolism
 - (d) Protobolism
7. A motor nerve is a nerve located in the
- (a) Posterior nervous system
 - (b) Peripheral nervous system
 - (c) Autonomic nervous system
 - (d) Central nervous system
8. Neurology is a study about
- (a) Nervous system
 - (b) Muscle
 - (c) Joints
 - (d) Bones
9. The movement response to a stimulus
- (a) Reflex Action
 - (b) Speed
 - (c) Nerves action
 - (d) Reflex arc

10. The fundamental unit of brain is
- (a) Neuron
 - (b) Nephron
 - (c) Electron
 - (d) Neutron

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the types of muscle fiber.

Or

- (b) Write the nature and scope of physiology of exercise.

12. (a) What is meant by sliding filament theory?

Or

- (b) Write down the effect of exercise on muscular system.

13. (a) Write down the ventilation during exercise.

Or

- (b) What is meant by lung volumes and lung Capacity?

14. (a) Explain the function of heart.

Or

- (b) Define the term heart rate and stroke volume.

15. (a) Draw a neat diagram of structure of neuron.

Or

- (b) What is meant by reflex arc and reflex action?

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Describe the microscopic structure of the muscle fiber.
 17. Explain the steps of sliding filament theory of muscular contraction.
 18. Illustrate about the effects of exercise on respiratory system.
 19. Explain the effect of exercise and training on circulatory system.
 20. Explain the nervous control of muscular movement.
 21. Explain
 - (a) Cardiac output
 - (b) Blood pressure
 22. Explain the microscopic structure of muscle fiber.
-

R6910

Sub. Code

720404

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Fourth Semester

Physical Education

THEORIES OF SPORTS AND GAMES – II

(Kabaddi, Kho-Kho, Tennis, Badminton, Cricket)

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The game badminton was first played in
 - (a) England
 - (b) Russia
 - (c) Europe
 - (d) Australia
2. The origin of kho kho is in
 - (a) India
 - (b) Russia
 - (c) Netherland
 - (d) Canada
3. The length of the kho kho courts is
 - (a) 25 mts
 - (b) 26 mts
 - (c) 27 mts
 - (d) 28 mts
4. Pro kabaddi was started in the year
 - (a) 2011
 - (b) 2014
 - (c) 2013
 - (d) 2017

5. How many feathers in the shuttle of badminton.
(a) 17 (b) 15
(c) 18 (d) 16
6. The length of the cricket stump is
(a) 25 inches (b) 29 inches
(c) 28 inches (d) 26 inches
7. The ball hits the net and lands in the opposite service box
(a) Smash (b) Drop
(c) Let (d) Foul
8. Total number of players in kabaddi is
(a) 8 (b) 7
(c) 9 (d) 12
9. The height of the tennis net is
(a) 1.07 mts (b) 1.5 mts
(c) 1.05 mts (d) 2 mts
10. The ability to react against the resistance is
(a) Stength (b) Speed
(c) Power (d) Agility

Part B

(5 × 5 = 25)

Answer **all** the questions, choosing either (a) or (b).

11. (a) Write down the history of Kabaddi.

Or

- (b) Mention the major tournaments in tennis.

12. (a) Draw a neat diagram of Badminton court with all markings.

Or

- (b) Draw a neat diagram of men kabaddi court with all markings.

13. (a) What is meant by Training?

Or

- (b) Discus about the general and specific warm up.

14. (a) Write the basic skills of Cricket.

Or

- (b) Write any drills related to the game kabaddi.

15. (a) What are the signal in kho kho and explain.

Or

- (b) Mention the officials in kabaddi.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Describe the history and development of the game Cricket.
17. Draw a neat diagram of cricket pitch with all markings.
18. Describe the importance of fitness components in the major games.

19. Explain the skills and drills in kho kho.
 20. Explain the duties of officials in badminton.
 21. Draw a neat diagram of kho kho with all markings.
 22. Explicate the signals and scoring in kabaddi.
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R6911

Sub. Code

720707

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Fourth Semester

Physical Education

**Elective : HEALTH EDUCATION, SAFETY EDUCATION
AND FIRST AID**

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Help given to an injured person until full medical treatment is available called as
 - (a) Treatment
 - (b) Rehabilitation
 - (c) First aid
 - (d) Precaution

2. “A state of complete physical, mental and social well-being and not the mere absence of disease or infirmity”. The definition was given by _____.
 - (a) UNESCO
 - (b) WHO
 - (c) IAAF
 - (d) Health society

3. Communicable disease
 - (a) Obesity
 - (b) Cardiovascular disease
 - (c) Diabetes
 - (d) Malaria

4. _____ health is revealed by his behaviour, speech and appearance.
- (a) Physical health (b) Mental health
(c) Social health (d) Spiritual health
5. Malaria is caused by a parasite called
- (a) Plasmodium (b) Variola
(c) Paramyxovirus (d) Salmonella
6. The diseases that are not caused by infectious agents.
- (a) Non-communicable diseases
(b) Communicable diseases
(c) Diseases
(d) Infections
7. Anatomical discontinuity of the bone is called as
- (a) Strain (b) Sprain
(c) Fracture (d) Dislocation
8. A sharp object piercing the skin is called as
- (a) Laceration wound (b) Puncture wound
(c) Avulsion (d) Incision wound
9. In the term "PRICER", 'P' denotes _____.
- (a) Product (b) Protect
(c) Produce (d) Pain
10. The partial displace of the bones from the joint of the bone is called as _____.
- (a) Dislocation (b) Fracture
(c) Sprain (d) Subluxation

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) What are the factors influencing health?

Or

- (b) Write the functions of the World Health Organization.

12. (a) Give the important details about malaria and tetanus.

Or

- (b) Short note on hypertension.

13. (a) Briefly discuss the need for Safety Education in Physical Education.

Or

- (b) Safety of school play equipment — shortly discuss.

14. (a) Briefly write about RICE.

Or

- (b) Write about dressing and bandages.

15. (a) Write about snakebite and shock.

Or

- (b) Discuss the modes and application of hydrotherapy.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Define Health Education and explain the components of health.
17. List out the non-communicable diseases and elaborately give details about the mode of spread.
18. Explain the need for safety education in physical education.
19. Discuss the classification of wounds.
20. Explain the types of fractures.
21. Explain cryotherapy and thermotherapy.
22. Discuss the types of dressings and bandages with suitable examples.

R6912

Sub. Code

720601

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Sixth Semester

Physical Education

**KINESIOLOGY AND BIO-MECHANICS IN
PHYSICAL EDUCATION**

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

Choose the correct answer :

1. _____ refers to study of human movement.
(a) Kinesiology (b) Biomechanics
(c) Anthropometry (d) Sports Physiology
2. The Examples of Ball and Socket Joint
(a) Hip joint (b) Ankle joint
(c) Knee joint (d) Subtalar joint
3. The elbow joint is an example of
(a) Hinge joint (b) Ball and socket joint
(c) Pivot joint (d) Gliding joint
4. Rectus Femoris is located in
(a) Knee (b) Shoulder
(c) Thigh (d) Neck

5. Muscle contraction as fibers lengthen is
- (a) Eccentric contraction
 - (b) Concentric contraction
 - (c) Isometric contraction
 - (d) Isotonic contraction
6. A plane that separates the body or structure into upper and lower parts is called a _____.
- (a) Transverse Plane
 - (b) Frontal Plane
 - (c) Sagittal Plane
 - (d) None of the above
7. In which type of lever, the weight is in between force and fulcrum.
- (a) Type I
 - (b) Type II
 - (c) Type III
 - (d) All the above
8. Newton's first law of motion is also known as
- (a) Law of Reaction
 - (b) Law of Inertia
 - (c) Law of Acceleration
 - (d) Law of momentum
9. Biomechanics is a branch of _____.
- (a) Kinesiology
 - (b) Sports Physiology
 - (c) Science
 - (d) Physics
10. The study of principles of physics and various forces acting on human body is called
- (a) Kinesiology
 - (b) Biomechanics
 - (c) Anatomy
 - (d) Physiology

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe different types of movements of human body.

Or

- (b) Briefly explain the History and development of Kinesiology.

12. (a) Explain the origin, insertion and action of Hamstring muscles with diagram.

Or

- (b) Explain the origin and insertion of deltoid muscles with diagram.

13. (a) Explain the Muscular designing and kinesiological grouping.

Or

- (b) Elaborate 'Axis and Plane' with suitable illustration.

14. (a) Describe the factors influencing motion.

Or

- (b) What do you mean by Center of Gravity? Write its importance in sports with suitable examples?

15. (a) Difference between Running and walking?

Or

- (b) What are the major muscles that we use while throwing?

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Define the term 'Kinesiology'. Elaborate the need and importance of it in the field of physical education and sports.
 17. Explain the origin, insertion and action of Gastrocnemius and Quadriceps femoris muscles with diagram.
 18. Discuss the various types of muscular contraction with neat diagram.
 19. Describe the types of Lever and explain their application to sports and games.
 20. Discuss the mechanical analysis of jumping and throwing in detail.
 21. Discuss the phases of gait cycle. Add a note on gait analysis.
 22. Define motion and explain the types of motion with example.
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R6913

Sub. Code

720602

B.Sc. DEGREE EXAMINATION, APRIL – 2022.

Sixth Semester

Physical Education

SPORTS MEDICINE

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Effleurage is a type of _____ manipulation.
(a) Percussion (b) Pressure
(c) Stroking (d) None of the above
2. The initial treatment of an injury includes the use of
(a) Ultrasound therapy
(b) Hot compresses
(c) Hydrotherapy
(d) Ice pack
3. The therapeutic use of cold is referred to as
(a) Cryotherapy (b) Thermotherapy
(c) Electrotherapy (d) Hydrotherapy
4. The extent of movement of a patient's joint is measured by which of the following examinations?
(a) Body mechanics (b) Range of motion
(c) Paraffin (d) None of the above

5. Therapeutic exercises related to
- (a) Hydrotherapy
 - (b) Diathermy
 - (c) Ultrasound
 - (d) Different physical exercise
6. Hot and cold application is related
- (a) Hydrotherapy
 - (b) Massage
 - (c) Electrotherapy
 - (d) Fracture
7. _____ Treatments involving the use of heat to increase circulation in order to improve flexibility and decrease pain and muscle spasms.
- (a) Cryotherapy
 - (b) Thermotherapy
 - (c) Electrotherapy
 - (d) Hydrotherapy
8. Ligament injury is called
- (a) Strain
 - (b) Sprain
 - (c) Dislocation
 - (d) Fracture
9. Suspension therapy is a type of _____ exercise.
- (a) Active
 - (b) Passive
 - (c) Active assisted
 - (d) All of the above
10. Ultrasound can be used to
- (a) Treat muscle sprains and strains
 - (b) Treat cancer
 - (c) Treat acne
 - (d) Heal wound infections

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Briefly explain the role of physiotherapy in sports and games.

Or

- (b) Explain the open soft tissue injury.

12. (a) Explain cryostretch and its significance.

Or

- (b) Explain the purpose of Ice immersion.

13. (a) Discuss the purpose of moist heat pack in therapeutic treatment.

Or

- (b) Explain contrast bath and its significance.

14. (a) Explain the stretching exercise to improve range of motion.

Or

- (b) Explain the causes of Bowleg and suggest corrective measures.

15. (a) Explain the scope of rehabilitation in sports.

Or

- (b) Explain the need of rehabilitation in sports.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. List the classification of massage manipulation and explain any two.
17. List the cold modalities and explain how they are used for treatment.
18. Explain the therapeutic use of whirlpool bath and Ultrasound.
19. Explain why strengthening exercises used in rehabilitation program and explain the benefits of exercises.
20. Explain the active and passive exercise for rehabilitation.
21. Illustrate the methods of rehabilitation in sports and games.
22. Enumerate the types of sports injuries and explain the injury management.

R6914

Sub. Code

720603

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Sixth Semester

Physical Education

**TEST, MEASUREMENT AND EVALUATION IN
PHYSICAL EDUCATION AND SPORTS**

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. Measurement is basically the
 - (a) Numerical value
 - (b) Qualitative value
 - (c) Value judgment
 - (d) None of the above
2. The main purpose of the evaluation is to make
 - (a) Judgment
 - (b) Opinion
 - (c) Prediction
 - (d) Decision
3. The degree of consistency with which a measuring device may be applied is ascertained through
 - (a) Validity
 - (b) Reliability
 - (c) Both the above
 - (d) None of the above.
4. Reliability denoted
 - (a) Consistency of performance
 - (b) Variability among groups
 - (c) Inconsistency among subject
 - (d) None of the above.

5. AAHPERD Youths fitness test is for measuring
- (a) General motor ability
 - (b) Motor fitness
 - (c) Motor educability
 - (d) All the above.
6. Harward step test is used to measure
- (a) Motor fitness (b) Anaerobic fitness
 - (c) Aerobic fitness (d) Heart rate.
7. Which of the following is not a test for agility?
- (a) Illinois agility run test
 - (b) T drill test
 - (c) Stork stand test
 - (d) Quick feet test.
8. The ability to make successive movements in different directions efficiently and rapidly refers to
- (a) Agility (b) balance
 - (c) Co-ordination (d) power.
9. McDonalds soccer test involves
- (a) Volleying the soccer ball against a backboard
 - (b) Volleying the soccer ball and also kicking a Soccer for a distance
 - (c) Volleying the soccer ball, kicking soccer ball for a distance & dribble fat speed
 - (d) Kicking a ball against a wall as many times as possible

10. Which of the following is not a skill test for volleyball?
- (a) Russell Lange tests
 - (b) Brady Volleyball Test
 - (c) French coopers and Volleyball Test
 - (d) Miller wall Volley Test

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Explain the functions of measurement and Evaluation in Physical Education and Sports.

Or

- (b) Write short note on Measurement and Evaluation.

12. (a) Briefly explain the subjective rating and objective rating.

Or

- (b) Briefly explain the classification of tests in Physical Education.

13. (a) What is Harvard Step Test? Write in detail about its administrative procedure.

Or

- (b) Explain the test format of administering “Grip Strength”.

14. (a) Write in detail about 600meter run test administrative procedure.

Or

- (b) Explain the test format of administering “Standing Broad Jump”.

15. (a) Explain the Miller wall Volley test with suitable diagram.

Or

- (b) Explain the Miller Tennis test with suitable diagram.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Discuss the need and importance of Test, Measurement and Evaluation in the field of Physical Education.
17. Briefly explain the criteria for good test selection.
18. Describe in details about the 12 minutes run/walk test.
19. Explain the test format of administering "Shuttle Run and Ball throw Tests".
20. Discuss in details about the Mc-Donald soccer test with neat diagram.
21. Discuss in details about the Newton motor ability test with neat diagram.
22. Describe any two Johnson basketball skills Test

R6915

Sub. Code

720604

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Sixth Semester

Physical Education

SPORTS MANAGEMENT

(CBCS – 2019 onwards)

Time : Three Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

Choose the correct answer

1. The word “Manager” it means
 - (a) to use carefully
 - (b) to use successfully
 - (c) to use usefully
 - (d) to use cleverly
2. According to _____, "Working with and through individuals and groups to accomplish organisation's goals" is called management.
 - (a) Williams
 - (b) Hersay
 - (c) DeSensi
 - (d) Chelladurai
3. _____ include the abilities to see the organization as a whole, to originate ideas, to sense problems. and to work out solutions to these problems
 - (a) Personal skills
 - (b) Conceptual skills
 - (c) Professional skills
 - (d) Human relations skills

4. The ability to get along with associates in work is an essential qualification for a manager.
- (a) Personal skills
 - (b) Conceptual skills
 - (c) Professional skills
 - (d) Human relations skills
5. Funds for the sports programmes can be collected through
- (a) Alumni associations
 - (b) Donations/gifts
 - (c) Funds from public sector undertakings
 - (d) All the above.
6. Which of the following is the prime objective of planning in sports?
- (a) Entertainment
 - (b) For physical fitness
 - (c) Development of oneness
 - (d) All the above.
7. 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.

8. _____ helps you focus on hiring, training, supervising, evaluating, terminating and motivating employees.
- (a) Personal management
 - (b) Conceptual management
 - (c) Professional management
 - (d) Human relations management
9. _____ is an important subset of the marketing field that focuses on the promotion of sports teams, sporting events, and closely related products and services.
- (a) Sports advertisement
 - (b) Sports marketing
 - (c) Sports news
 - (d) Sports journalism
10. A is an aggregate of a company's individual budgets designed to present a complete picture of its financial activity and health.
- (a) Operating budget
 - (b) Master budget
 - (c) Cash flow budget
 - (d) Financial budget

Part B (5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Write the meaning and definition of Sports Management.

Or

- (b) Briefly write the functions of Sports Management.

12. (a) Write the role of Personal Manager.

Or

(b) What are the objectives of Personal Management?

13. (a) Briefly discuss the quality and price of sports products.

Or

(b) Write about Market awareness.

14. (a) What are the guidelines for checking and storing sports equipment?

Or

(b) List out the facilities that have to be created in the equipment room.

15. (a) Write the definition and role of accounting.

Or

(b) Write the importance of the accounting system.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Explain the basic principles of Sports Management.

17. Elaborate the functions of Sports Management.

18. Explain that the factors involved in the marketing of sports.

19. Discuss the procedures for taking care and maintenance of sports equipment.

20. Explain about types of budgets.

21. Discuss the functions of Program Management.

22. Explain the need and importance of budget record maintenance.

R6916

Sub. Code

720711

B.Sc. DEGREE EXAMINATION, APRIL – 2022

Sixth Semester

Physical Education

Elective – SPORTS INJURIES AND PHYSIOTHERAPY

(CBCS – 2019 onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 1 = 10)

Answer **all** questions.

1. The tear of ligament is called as
 - (a) Dislocation
 - (b) Fracture
 - (c) Sprain
 - (d) Strain

2. A bones breaks in a straight line is called as _____ fracture
 - (a) Spiral
 - (b) Communicated
 - (c) transverse
 - (d) Green stick

3. The health related fitness is
 - (a) Agility
 - (b) Balance
 - (c) Power
 - (d) Flexibility

4. The cold modality is known as
 - (a) Massage
 - (b) Hydrotherapy
 - (c) Electrotheraphy
 - (d) Cryotheraphy

5. The standard treatment time of Ice massage is
- (a) 10–15 minutes
 - (b) 15–25 minutes
 - (c) 20–25 minutes
 - (d) 25–30 minutes
6. In words RICE, I stands for
- (a) Ice
 - (b) Cold
 - (c) Ice & Cold
 - (d) Cold & Oil
7. Reflex movements is otherwise known as
- (a) Voluntary movement
 - (b) Involuntary movement
 - (c) Freely movement
 - (d) slightly movement
8. The ability to do the activities for prolonged time undue fatigue is called
- (a) speed
 - (b) strength
 - (c) Endurance
 - (d) Power
9. The injury occurs suddenly on the skin is known as
- (a) Chornic Injury
 - (b) Acute Injury
 - (c) Closed Injury
 - (d) Open Injury

10. Which is not the physical fitness component
- (a) Agility
 - (b) Balance
 - (c) Power
 - (d) stress

Part B (5 × 5 = 25)

Answer **all** questions choosing either (a) or (b).

11. (a) Explain the concept of Physiotherapy.

Or

- (b) Write a short notes on chronic injury.

12. (a) Explain the cold modality.

Or

- (b) Write the health related fitness.

13. (a) Examine the therapeutic measures for unexposed injuries.

Or

- (b) Write a short note on the resisted exercises.

14. (a) Give an account on Ice immersion

Or

- (b) Explain the techniques of heat modalities.

15. (a) Explain the need and importance of rehabilitation.

Or

- (b) Mention the proper exercise for the rehabilitation of injuries.

Part C

(5 × 8 = 40)

Answer any **five** questions.

16. Explain the electrotherapy ,modalities.
17. Explain the general principles of Physiotherapy.
18. Elucidate about the Common the sports injuries.
19. Elaborate the infrared rays and ultraviolet rays.
20. Describe the classification of therapeutic exercise
21. Explain the factors influencing rehabilitation program for the injured part.
22. Elaborate the types of unexposed injuries in sports and games.
