

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BA DEGREE EXAMINATION MAY 2023
(Sixth Semester)

Branch – CARNATIC MUSIC

PHYSICS OF MUSIC

Maximum: 75 Marks

Time: Three Hours

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (10 x 1 = 10)

1. In which music system is the 'Relative Pitch' followed?
i) Indian classical system
ii) Western system
iii) Folk system
iv) Chinese music
2. What is the sruti value of Begada Madhyamam?
i) 4/3
ii) 27/20
iii) 45/32
iv) 64/45
3. Who invented Gramophone?
i) Margoni
ii) Waldemar Poulsen
iii) Heinrich Hertz
iv) Thomas Alva Edison
4. Select the raga which creates the emotion – 'Enthusiasm'
i) Ananthabairavi
ii) Atana
iii) Kamboji
iv) Bilahari
5. Which of the following leads to an unpleasant ambience in a concert hall?
i) Echo
ii) Beats
iii) Timber
iv) Intensity
6. How many srutis are there in Carnatic Music?
i) 24
ii) 22
iii) 21
iv) 23
7. How many types of Pitches in general are there in music?
i) 2
ii) 4
iii) 3
iv) 5
8. Who is the founder of Kalakshetra?
i) Rabindranath Tagore
ii) Ustad Bismillah Khan
iii) Rukmanidevi Arundel
iv) Damyanthi Joshi
9. Which year was the Indian Broadcast Company established in Calcutta?
i) 1936
ii) 1926
iii) 1949
iv) 1930
10. Which raga cures blood pressure?
i) Abohi
ii) Nilambari
iii) Navroj
iv) Anandhabairavi

SECTION - B (35 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 7 = 35)

11. a) List the sruti values derived from cycle of fourth.
(OR)
b) Explain - 'Cycle of Fifth'.
12. a) What is Music Therapy? Give suitable examples.
(OR)
b) Describe 'Music as a factor in promoting World Harmony'.

Cont...

13 a) Write a note on Open air theatre.

(OR)

b) Explain about the acoustics of music concert halls.

14 a) Write a note on
i) Pitch ii) Beats

(OR)

b) Write down the laws of stretched strings.

15 a) Discuss the uses of Audio and Video recording.

(OR)

b) Discuss the advantages of recent electronic media in the propagation of music.

SECTION - C (30 Marks)

Answer any **THREE** Questions

ALL Questions Carry **EQUAL** Marks (3 x 10 = 30)

16. Explain 22 Srutis.

17. Write an essay about musical sound and its characteristics.

18. Enumerate the techniques involved in music recording and editing.

19. Show how music helps in curing diseases?

20. How does electronic media help in learning music? Explain.

Z-Z-Z

END