

M. S. P. Mandal's
Vinayakrao Patil College, Vaijapur
. Dr. A. P. J. Abdul Kalam Science Quiz Competition
Organized by
Science Association
04/08/2016

Today on 04/08/2016 at 10.30 a.m. **Dr. A. P. J. Abdul Kalam Science Quiz Competition** was organized under the aegis of Science Association. The objectives of organizing this competition were to encourage students for the competitive exams and create their interest in the science. Accordingly, the topper will be nominated for the post as Secretary. For this 25 MCQ questions were asked including the subjects like Mathematics, Chemistry, Biology and Physics. Total 107 students had participated in this competition. Assessment was carried out by Mr. J. P. Sonar. The purpose of this quiz was to nominate the topper as Secretary of Science Association. Mr. Nikule Shankar B., M. Sc. I was nominated as Secretary of Science Association for the year 2016-17.


Secretary: Mr. Nikule Shankar B. M. Sc. I
In charge Teachers: 1. Mr. J. P. Sonar (Chemistry)
2. Mr. A. D. Godse (Mathematics)

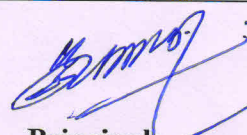
The list of participant

Sr. No.	Name of Student	Class
1.	Nikule Shankar B.	M.Sc. I
2.	Somase Vijay R.	B.SC. Biotech S. Y.
3.	Channe Hari S.	M.Sc. I
4.	Dange Ravindra V	M.Sc. I
5.	Pawar Tushar B.	M.Sc. II
6.	Somase Satosh P.	B.Sc. S. Y.
7.	Gund Swapnali R.	M.Sc. II
8.	Hiran Vaishali M.	M.Sc. II
9.	Zinjurde Rahul K.	B.Sc. Biotech T. Y.
10.	Gaikwad Anup S.	B.Sc. Biotech T. Y.
11.	Ghodke Dnyaneshwar H.	B.SC. S. Y.
12.	Shingar Dipak A.	B.SC. S. Y.
13.	Iname Walmik S.	B.Sc. S. Y.
14.	Tupe Ashwini S.	B.Sc. T. Y.
15.	Tribhuvan Piyush N.	B.Sc. Biotech S. Y.
16.	Santpal Ram S.	B.Sc. Biotech T. Y.
17.	Aware Jayashri K.	B.Sc. S. Y.
18.	Kadam Pankaj S.	B.Sc. S. Y.
19.	Jadhav Pooja D.	BCS T. Y.
20.	Lambe Saurabh A.	M.Sc. I
21.	Matsagar Koshor A.	B.Sc. S. Y.
22.	Kawade Monika M.	B.Sc. S. Y.
23.	Tupe Pandurang J.	B.Sc. S. Y.
24.	Kale Ravindra V.	BCS T. Y.

25.	Magar Swati V.	BCS T. Y.
26.	Shinde Anil P.	M.Sc. I
27.	Pathan Ajmal S.	M.Sc. I
28.	Bhande Rupali P.	M.Sc. II
29.	Sawant Ajay S.	B.SC. Biotech S. Y.
30.	Adhav Rekha P.	B.SC. Biotech S. Y.
31.	Sonawane Samadhan A.	B.Sc. Biotech S. Y.
32.	Shelar Manoj Raosaheb	B.Sc. Biotech S. Y.
33.	Kamble Aditi N.	B.Sc. F. Y.
34.	Kale Rekha S.	B.Sc. S. Y.
35.	Shinde Bharti K.	B.Sc. T. Y.
36.	Chavan Sagar N.	B.Sc. T. Y.
37.	Jagdale Pooja D.	M.Sc. II
38.	Deokar Maya S.	M.Sc. II
39.	Patil Prashant P.	M.Sc. II
40.	Gayke Mayuri P.	B.SC. Biotech T. Y.
41.	Dongre Pallavi A.	B.SC. Biotech T. Y.
42.	Gudade Pramod H.	B.Sc. Biotech T. Y.
43.	Shinde Santosh P.	B.Sc. F. Y.
44.	Ghodke P. J.	B.Sc. S. Y.
45.	Jadhav Geeta P.	B.Sc. S. Y.
46.	Singh Aman M.	B.Sc. S. Y.
47.	Mote Vishal D.	B.Sc. S. Y.
48.	Waghmare Madhukar D.	BCS T. Y.
49.	Pawar Rupali D.	BCS T. Y.
50.	Tupe Rekha S.	BCS T. Y.
51.	Patil Nilesh Y.	M.Sc. I
52.	Patil Dnyaneshwar B.	M.Sc. I
53.	Ghodake Sagar P.	M.Sc. II
54.	Chaudhari Roshan S.	M.Sc. II
55.	Patil Gauri B.	M.Sc. II
56.	Salunke Chandrashekhar A.	M.Sc. II
57.	Aher Pawan S.	M.Sc. II
58.	Laware Sonali G.	B.SC. Biotech S. Y.
59.	Khillar Madhuri T.	B.SC. Biotech S. Y.
60.	Jadhav Dipali R.	B.Sc. S. Y.
61.	Jadhav Rohini N.	B.Sc. S. Y.
62.	Shewale Shital S.	B.Sc. S. Y.
63.	Lalsare Vedika R.	B.Sc. S. Y.
64.	Jadhav Atul	B.Sc. S. Y.
65.	Matsagar Ajay Dadasaheb	B.SC. T. Y.
66.	Kadam Rohidas S.	B.Sc. T. Y.
67.	Shinde Pooja H.	B.Sc. T. Y.
68.	Shinde Sagar R.	B.Sc. T. Y.

69.	Atkane Narayan B.	BCS T. Y.
70.	Pawar Renuka B.	BCS T. Y.
71.	Wadhe Abhay S.	BCS T. Y.
72.	Nikam Sonali D.	M.Sc. I
73.	Bhadane Yoeshwar L.	M.Sc. I
74.	Patil Yogesh D.	M.Sc. II
75.	Jagtap Kavita U.	M.Sc. II
76.	Gaikwad Dipali V.	M.Sc. II
77.	Patil Rushikesh S.	M.Sc. II
78.	Ghodake Madhukar V.	B.SC. Biotech S. Y.
79.	Jadhav Hemant P.	B.Sc. Biotech S. Y.
80.	Waykos Kulbhushan V.	B.SC. Biotech T. Y.
81.	Dange Jayashri B.	B.Sc. Biotech T. Y.
82.	Tribhuvan Mangal V.	B.Sc. S. Y.
83.	Moin Surekha S.	B.Sc. S. Y.
84.	Bairagi Chanda R.	B.Sc. T. Y.
85.	Pawar Ganesh K.	BCS T. Y.
86.	Jadhav Pavan D.	BCS T. Y.
87.	Patil Pradip D.	M.Sc. I
88.	Kuhile Rahul B.	M.Sc. I
89.	Thombre Ganesh S.	M.Sc. I
90.	Thube Rahul A.	M.Sc. II
91.	Chavan Chaitali	B.SC. Biotech T. Y.
92.	Nannaware Shubham R.	B.Sc. T. Y.
93.	Rohinj Vaishar J.	BCS T. Y.
94.	Jagtap Ranjeet K.	BCS T. Y.
95.	Borse Mahesh D.	BCS T. Y.
96.	Borde Tejashri C.	BCS T. Y.
97.	Saluke Sonali P.	BCS T. Y.
98.	Kadam Amol S.	M.Sc. I
99.	Patil Rajesh I.	M.Sc. II
100.	Gaikwad Snehal D.	M.Sc. II
101.	Patil Pravin V.	M.Sc. II
102.	Satre Gitanjali A.	B.SC. Biotech S. Y.
103.	Hadole Rani K.	B.Sc. S. Y.
104.	Chavan Komal S.	B.Sc. S. Y.
105.	Patil Pushpraj A.	M.Sc. II
106.	Chavan Sarla S.	B.Sc. Biotech S. Y.
107.	Kause Sachin K.	B.Sc. T. Y.


Coordinator
 Science Association
 Vinayakrao Patil Mahavidyalaya, Vajapur


Principal
 PRINCIPAL
 Vinayakrao Patil Mahavidyalaya,
 Vajapur Dist. Aurangabad

M. S. P. Mandal's
Vinayakrao Patil College, Vaijapur
Dr. APJ Abdul Kalam Science Quiz Competition 04-08-2016

Name of the Student:-.....Class:-.....Time: 10:30 to 11:15

1. A real image 2 times its object is formed by a convex lens of focal length 30 mm. Find its position.
a) 37.5cm b) 47.5cm c) 57.5cm d) 67.5cm
2. Among the given compounds, the most susceptible to nucleophilic attack at the carbonyl group is
a) CH_3CHO b) CH_3COCl c) CH_3CONH_2 d) $\text{CH}_3\text{COOCH}_3$
3. Manganese exhibits the maximum oxidation state in
a) All b) K_2MnO_4 c) KMnO_4 d) MnO_2
4. From the following which is the highest electro positivity
a) Hydrogen b) Cesium c) Lithium d) Sodium
5. Greenhouse gases are
a) Ethane and CO_2 b) Benzene c) Methane and CO_2 d) LPG and CO_2
6. In which year Nobel Prize for Chemistry is started
a) 1899 b) 1900 c) 1901 d) 1902
7. In which field of science H. Gobind Khorana got The Nobel Prize
a) Chemistry b) Peace c) Medicine d) Physics
8. Which metal is present in Chlorophyll
a) Mn b) Ca c) Fe d) Mg
9. How many vertebrae are present in human
a) 30 b) 32 c) 33 d) 34
10. Which one of the following is not an essential element for plants?
a) Iron b) Zinc c) Potassium d) Iodine
11. Rickets in children and osteomalacia in adults are the deficiency of which vitamin?
a) A b) B c) D d) C
12. Vitamin C is also called
a) Citric acid b) Ascorbic acid c) Citrus acid d) None of above
13. Which mammals lays eggs?
a) Platypus b) echidna c) both a and b d) none of above
14. The population of a town has increased from 133575 to 138918. The percent increase in population is
(a) 2.5 (b) 3 (c) 3.5 (d) 4
15. Find the wrong number in the series: 3, 8, 15, 24, 34, 48, 63
(a) 15 (b) 24 (c) 34 (d) 48
16. The material of a cone is converted in to the shape of a cylinder of equal radius. If the height of the cylinder is 6 cm, the height of the cone is:
(a) 2 cm (b) 6 cm (c) 18 cm (d) 36 cm
17. The radius of a cylinder is the same as that of a sphere. Their volumes are equal. The height of the cylinder is how many times its radius?
(a) $4/3$ (b) $2/3$ (c) 1 (d) 2
18. If the ratio of volumes of two sphere is 1:8, then the ratio of their surface area is :
(a) 1:2 (b) 1:4 (c) 1:8 (d) 1:16
19. A cube of side 6 cm is cut in to a number of cubes, each of side 2 cm. the number of cubes will be:
(a) 6 (b) 9 (c) 12 (d) 27
20. If the surface areas of two spheres are in the ratio of 4:25, then the ratio of their volume is:
(a) 4:25 (b) 25:4 (c) 125:8 (d) 8:125
21. The percentage increase in the surface area of a cube when each side is doubled is:
(a) 25% (b) 50% (c) 150% (d) 300%
22. Three cubes of iron whose edges are 6 cm, 8cm, and 10cm respectively are melted and formed in to a single cube. The edge of the new cube formed is:
(a) 12 cm (b) 14 cm (c) 16 cm (d) 18 cm
23. Ramesh covers two-third of a certain distance at 4 kmph and the remaining at 5 kmph. If he takes 42 minutes in all, the distance is:
(a) 2.5 km (b) 3 km (c) 4 km (d) 4.6 km
24. The sum of two numbers is 15 and the sum of their squares is 113. The numbers are:
(a) 4, 11 (b) 5, 10 (c) 6, 9 (d) 7, 8
25. Dry Ice is -----.
a. Solid Benzene b. Solid ice free from water c. $\text{CO}_{(s)}$ d. $\text{CO}_{2(s)}$.