

Pak Wattan School And College Of Sciences Havelian

Scholarship/Entrance Test Session 2024-25

Model Paper

Grade: 9th

Time: 2hrs

Name Student: _____

Father Name: _____

Date: _____

Roll No: _____

Math: 05 Mcq's Marks, Subjective 10 Marks
Urdu: 05 Mcq's Marks, Subjective 10 Marks
English: 05 Mcq's Marks, Subjective 10 Marks
Physics: 05 Mcq's Marks, Subjective 10 Marks

Chemistry: 05 Mcq's Marks, Subjective 10 Marks
Biology: 05 Mcq's Marks, Subjective 10 Marks
Computer: 05 Mcq's Marks, Subjective 10 Marks
Interview: 10 Marks

Math	English	G. Knowledge	Urdu	Interview	Total Marks	Obtain Marks	% age
/20	/25	/20	/ 25	/10	100		

Mathematics

<p>ii. $(AB)^t$</p> <p>a. AtB^t</p> <p>b. BtA^t</p> <p>c. AB</p> <p>d. BA</p> <p style="text-align: right;">A B C D</p>	<p>(i) K^2-81 Factorize form is _____</p> <p>(a) $(k+8)^2$</p> <p>(b) $(k-9)(k+9)$</p> <p>(c) $(k+8)^2$</p> <p>(d) $(k+9)(k+9)$</p> <p style="text-align: right;">A B C D</p>
<p>iii. Which one number of set not represents real number</p> <p>a. Integer</p> <p>b. rational</p> <p>c. whole</p> <p>d. natural</p> <p style="text-align: right;">A B C D</p>	<p>Subjective: Arithmetic operation, Geometry, Algebra, Thermos, logarithm</p>

Computer

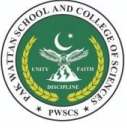
- i. Where is the operating system placed in the memory?
- a. either low or high memory (depending on the location of interrupt vector)
- b. in the low memory
- c. in the high memory
- d. none of the mentioned
- A B C D
- ii. There are _____ parts of ALU
- a. 1
- b. 2
- c. 3
- d. 4
- A B C D
- iii. The term Computer is derived from
- a. Greek
- b. Latin
- c. French
- d. Greek
- A B C D

Subjective: Related Computer science questions, mcq's,

Biology

- i. The nervous tissue has the ability
- a. Contract and relax
- b. transmit impulses
- c. prepare secretion
- d. All of above
- A B C D
- ii. In plants gaseous exchange take place through
- a. Phloem
- b. stomata
- c. tissues
- d. xylem
- A B C D
- iii. The muscles attach to the bones through
- a. ligaments
- b. tendons
- c. cartilage
- d. fiber
- A B C D

Subjective: Related Biology questions, mcq's,



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Physics

i. _____ is the magnitude of force of gravity

- a. mass
b. weight
c. both a,b
d. All of above
- A B C D

ii. A body in equilibrium must be in _____

- a. at rest
b. moving
c. rotating
d. accelerating
- A B C D

iii. the value of "g" at the surface of moon is _____

- a. $9.8m/s^2$
b. $1.6m/s^2$
c. $4.9m/s^2$
d. $8.9m/s^2$
- A B C D

Subjective: Related Physics questions, mcq's,

Chemistry

i. Which one is the lightest

- a. An Alpha particle
b. a hydrogen atom
c. an electron
d. a proton
- A B C D

ii. Electron in its ground state does not

- a. spin
b. revolve
c. radiate energy
d. reside in orbit
- A B C D

iii. Which of these molecules is not a compound ?

- a. N_2O
b. N
c. NO
d. NO_2
- A B C D

Subjective: Related Chemistry questions, mcq's,

Urdu

۱- لفظ کی _____ اقسام ہیں

الف۔ دو ب۔ تین ج۔ چار د۔ پانچ

۲- نظم کے معنی _____ کے ہیں

الف۔ تسلسل ب۔ - ج۔ لگاتار د۔ جاری

۳- مست کا مترادف ہے -

الف - خوشی ب۔ غمی ج۔ الم - د۔ خوف -

مونٹ مزکر، واحد جمع، الفاظ متضاد، الفاظ مترادف، مکالمہ، عبارت کی تفہیم درخواست، کہانی، مضمون، گرامر،

English

Encircle the correct option.

- 1) Mouse is a _____ noun (a) (b) (c) (d)
a) Concrete b) Material c) abstract d) Proper
- 2) Go is a _____ noun (a) (b) (c) (d)
a) static b) dynamic c) irregular d) transitive
- 3) Freedom simply means (a) (b) (c) (d)
a) Abandon b) liberty c) Harmony d) none

SUBJECTIVE: 1) Essay, application, grammar

Never Say Die
Proud Pakians