

Notes of Physics and English for PAF Initial Tests

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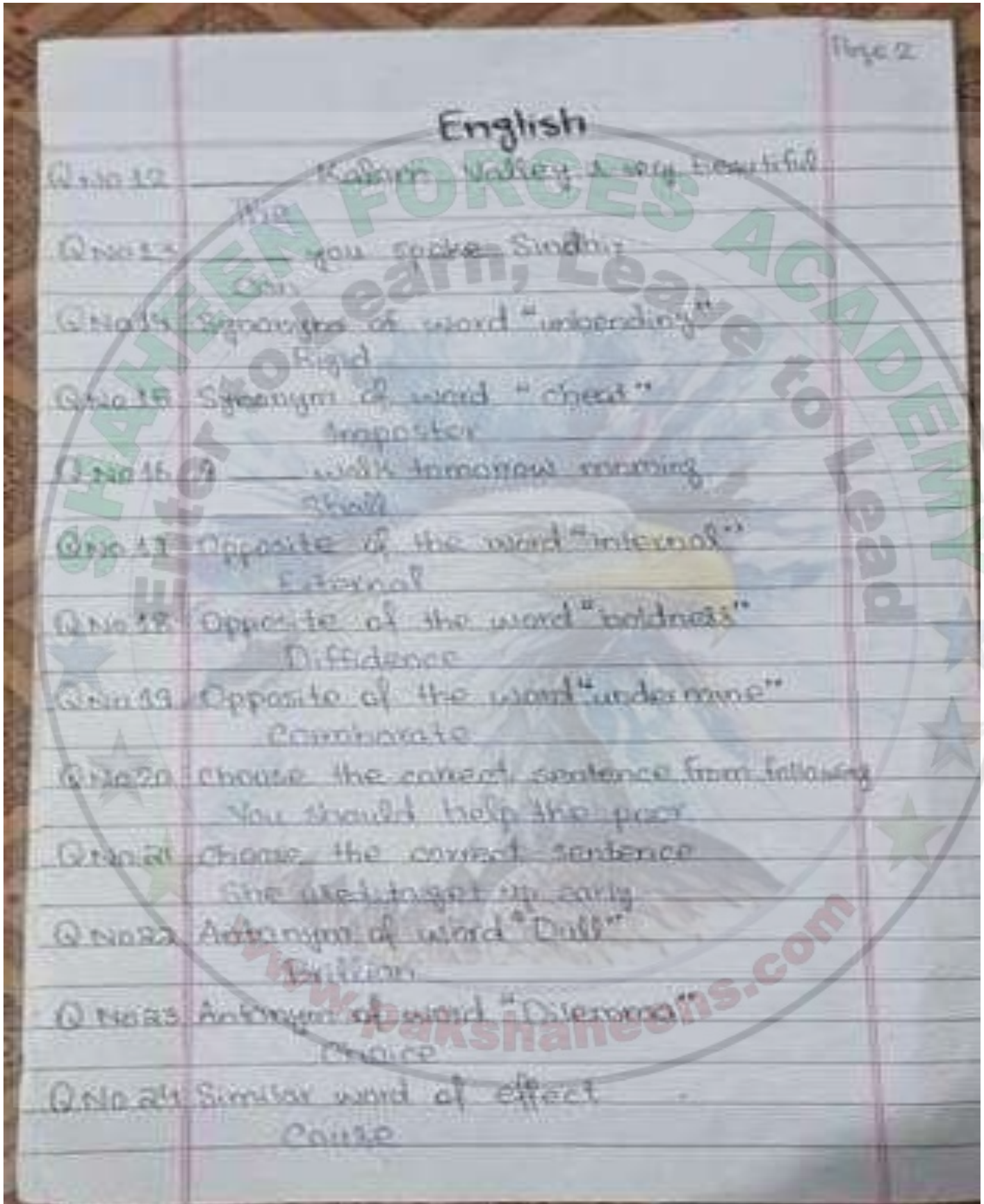
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- (i) $a:b$ 'a' called?
- (ii) In math a, b, c are called?
- (iii) $a^2 - 4bc < 0$ roots are?
- (iv) $\tan \theta = ?$
- (v) $\cot \theta = ?$
- (vi) $\sec \theta = ?$ (vii) $\csc \theta$
- (viii) $2\pi = ?$ in degree?
- (ix) Angle from 90° to 180° lie in which quadrant?
- (x) Angle greater than 180° and less than 360° called?
- (xi) The triangle having equal angles and sides called?
- (xii) Homogenous equations?
- (xiii) Diameter of circle?

All credit go to
Test pass

Sir
M
S





Q1022 Which is different
a) Kilometer b) Meter c) Foot d) Length

Q1023 Find odd man out
CAR FDE LIX UYS

Q1024 Read to watch newspaper; it to
read

Q1025 Complete the series
63, 48, 33, _____, 15
_____ 04

Q1026 Find odd man out

a) Frog b) Fish c) Hen d) Crocodile

Q1027 35% terminate it of 175 more than
10 terminate are of
to x = 250

Q1028 Ahmad and Asim has flower pots of 4:5
44 Ahmad has 180 more flower than
Sara have

Q1029 If 20 students of class do speak urdu, 33
speak urdu only and 15 can speak both
how many students can speak only Sindhi
46 Sindhi

English

Q No 1 _____ walking T.V I shall go to bed
After

Q No 2 Razia intends to go _____ Raza came
here
Before

Q No 3 _____ you help me in my preparation
Can

Q No 4 Shirt is to dress as mango is to
Fruit

Q No 5 They _____ never late
are

Q No 6 Let us go _____ a walk
for

Q No 7 _____ I was cutting my hair you will
go for shopping
when

Q No 8 _____ there is another planet we will
go to it
if

Q No 9 I like animal _____ does not make noise
who

Q No 10 The woman is _____ the 3rd floor.
on

Q No 11 The man _____ gets up early in the morning
will give me a glass of juice
who

PHYSICS

Q No 1 Unit of Potential Difference?
Volt

Q No 2 In galvanometer we connected resistance
in galvanometer with
Parallel

Q No 3 Rolling friction is than sliding friction
Less

Q No 4 The weight of a body is 147N what
is its mass?
 $W = mg$ so answer is 15 kg

Q No 5 The energy possessed by a body due
to its position
Potential Energy

Q No 6 The energy possessed by a body due
to its motion?
Kinetic Energy

Q No 7 Formula of P.E
 $P.E = mgh$

Q No 8 Which energy is stored in dam
Potential Energy

Q No 9 The rate of doing work is called
Power

Q No 10 Watt is equal to
 $J s^{-1}$

Q No 11 Derived unit have kinds
7 kinds

Page 3

English

Q no 21 Similar words of invariable
Flexible

Q no 22 The police arrested the man _____ had
stolen the jewels
who

Q no 23 The boy _____ is a broker is sitting there
whose

Q no 24 _____ got up early in the morning to give me
glass of juice
who

Q no 25 He is going to sleep _____ the diamond
whom

Q no 26 She is cooking food _____ the kitchen
in

Q no 27 The watch _____ you bought was beautiful
which

Q no 28 I was watching TV. I go to bed
After

Q no 29 Ali has _____ to drink

Q no 30 They are _____ their homework
doing

Q no 31 Ali _____ 4 cars
has

Q no 32 They _____ hard all day
work

Page 2.

many days he write 5 pages
25 day

Q no 33 If R/T as 18/20 then T/R is
20/18

Q no 34 which one is different
1) water 2) milk 3) honey 4) oil

Q no 35 which one is different
a) water melon b) carrot c) mango

Q no 36 \square Δ L \odot
a) 0 b) 1 c) 2 d) 3

Q no 37 Complete the series
2 4 8 14 22 32
44

Q no 38 Complete the series
17 25 32 47
79

Q no 39 If 6 men cover 10 kilometers of distance
in 10 days how many days 3 men covers
a distance of 10 kilometers
10 days

Q no 40 53 55 60 60
77 77

Q no 41 Start is to dress mango is to
Fruit

Q no 42 Find odd man out
12 20 3 5
5

PHYSICS

Q No 35 Concave mirror are used as _____
in telescopes

Dahanay

Q No 36 Which lense is used in camera?
Concave lense

Q No 37 If an object is placed at twice the
distance of its focal length then its
image will format

R Inverted

Q No 38 Primary colours are _____
red, yellow and blue

Q No 39 Hot air ballons rises in the air because
less density

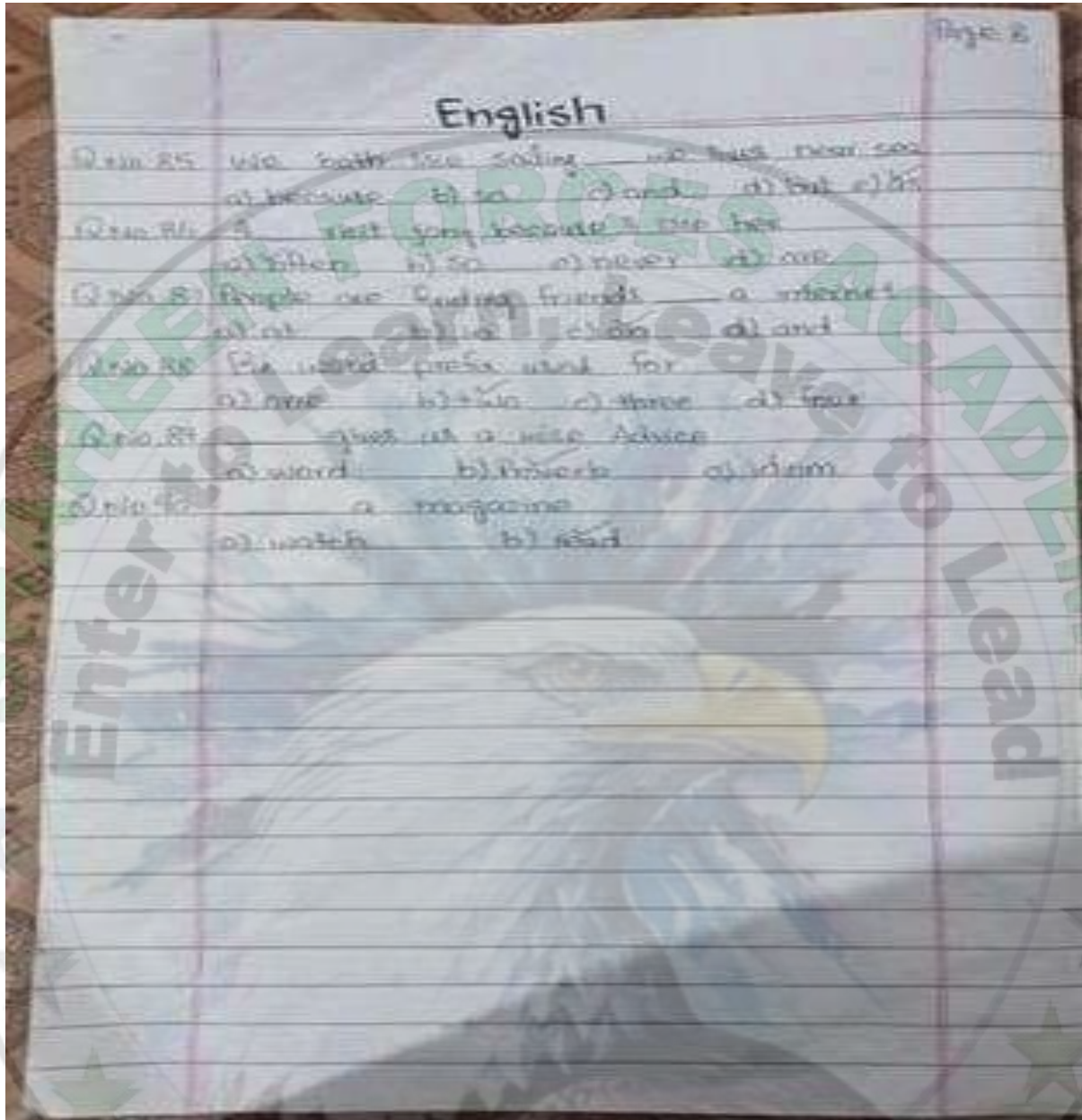
Q No 40 Waves that moves to and fro motion
Oscillatory Motion

Q No 41 Waves requires _____ for propagate
medium

Q No 42 Diverging lens are called
convex lens

Q No 43 Hydraulic pressure follow which law
Pascal, Law

Q No 44 According to hooks law the relation is
stress x strain



English

- Q. No. 85. We both are sailing. We have near sea.
a) because b) so c) and d) but e) or
- Q. No. 86. I visit my parents 3 or 4 times
a) often b) so c) never d) are
- Q. No. 87. People are finding friends a internet
a) at b) in c) on d) and
- Q. No. 88. The word prefix used for
a) one b) two c) three d) four
- Q. No. 89. Give us a wise advice
a) word b) proverb c) idiom
- Q. No. 90. I read a magazine
a) watch b) read

PHYSICS

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 $J s^{-1}$

Q No 11 Derived unit have kinds
7 kinds

Intelligence

Q No 1 Rearrange the words to make a meaningful sentence

52314

Q No 2 Opposite of artificial is
Natural

Q No 3 The nearest country located with
Srilanka is
India

Q No 4 Which one is odd

a) Bull b) cow c) Hen d) Mare

Q No 5 Artist is to brush then serile is to
Phone

Q No 6 What comes next? KJL
NMO

Q No 7 Wind is to pane as book is to
Paper

Q No 8 Magazine is to read and tv is to u
watch

Q No 9 A car cover 15 km in one liter petrol
how many kilometer he cover in 90
liter petrol?

$$90 \times 15 = 1350$$

Q No 10 If 15 copy sold in Rs 150 then 9 copy
is sold in what Rs?

Rs 90

Q No 11 A man write one page in 5 days How

