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STUDENT EDITION

TIMES nie Newspaper in Education

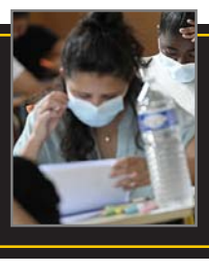
FRIDAY, JUNE 25, 2021

WEB EDITION

TODAY'S EDITION

➤They say, 'practice makes a man perfect'.. what better way to master math sums... than by revision

PAGE 2

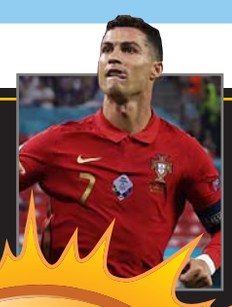


➤Check out your favourite activity corner. Learn French, solve a riddle, and hone your grammar skills

PAGE 3

➤Euro 20: Portugal, France & Germany make it to last 16

PAGE 4



CLICK HERE: PAGE 1 AND 2

After Covid, could the next big killer be HEATWAVES?

Searing, unrelenting heat scorches large swathes of the Earth, killing millions, who have no means to escape. Shade is useless, and shallow bodies of water are warmer than the blood coursing through people's veins...Well, this is a scene from a sci-fi novel, but the suffocating horror it describes, may be closer to science than fiction, according to a draft UN report that warns of dire consequences for billions, if global warming continues unchecked. Earlier climate models suggested it would take nearly another century of unabated carbon pollution to spawn heatwaves exceeding the absolute limit of human tolerance.

The updated projections, according to a 4,000-page Intergovernmental Panel on Climate Change (IPCC) report, warn of unprecedented killer heatwaves in the near future

THE UN'S CLIMATE SCIENCE ADVISORY PANEL PAINTS A GRIM AND DEADLY PICTURE FOR A WARMING PLANET

1 If the world warms by 1.5 degrees Celsius, 0.4 degrees above today's level, 14 per cent of the population will be exposed to severe heatwaves, at least once every five years, there will be "a significant increase in heatwave magnitude", the report says

2 Going up half a degree would add another 1.7 billion people, it adds

3 The worst hit will be burgeoning megacities in the developing world that generate additional heat of their own– from Karachi to Kinshasa, Manila to Mumbai, and Lagos to Manaus

4 Sub-Saharan Africa is especially vulnerable to lethal heatwaves, in large part, because it is least prepared to cope with them

THE IMPACT

- According to experts, heat becomes more deadly when combined with high humidity. It is easier to survive a high temperature day, if the air is bone-dry than it is to survive a lower temperature day with very high humidity
- Experts say, healthy human adults cannot survive, if wet-bulb temperatures (TW) exceed 35 degrees Celsius, even in the shade with an unlimited supply of drinking water. Wet bulb temperature is the lowest temperature to which air can be cooled by the evaporation of water into the air at a constant pressure
- Higher temperatures will spread disease vectors, reduce crop yields and nutrient values, slash labour productivity, and make outdoor manual labour a life-threatening activity, they warn

DID YOU KNOW?

Two heatwaves in India and Pakistan that hit 30 degrees Celsius in 2015 left more than 4,000 people dead. Blistering heatwaves across the northern hemisphere in 2019 – the second warmest year on record for the planet – also caused a large number of excess deaths

NZ ARE TEST CHAMPIONS OF THE WORLD!

Cricket-India introspective as ICC success eludes captain Kohli again

India's defeat in the final of the World Test Championship (WTC) has forced the cricket-mad nation into introspection, while accepting New Zealand were worthy winners of the honour. India's eight-wicket loss in Southampton has prolonged their wait for a first global title since MS Dhoni led them to victory in the 2013 Champions Trophy.

It was Virat Kohli's fourth unsuccessful attempt to lead India to an ICC title, the previous being the 2019 One Day World Cup, when they lost to New Zealand in the semi-finals in Manchester

Latino actress Rachel Zegler to play Snow White in Disney's live-action adaptation

Colombian-American actress Rachel Zegler will play Snow White in Disney's latest live-action adaptation, the company has said. The casting of a Latino actress for a Disney princess role traditionally portrayed by white actresses follows Disney's 2019 announcement that R&B singer Halle Bailey will play Ariel in 'The Little Mermaid'.

Entertainment

Zegler's casting comes more than two decades after Disney cast singer Brandy, who is Black, as Cinderella in a live-action 1997 film

PENDING JEE MAIN 2021 EXAMS LIKELY TO BE HELD IN JULY-END OR AUGUST

The government is planning to conduct the first of the two pending JEE (Main) in the last week of July or first week of August, followed by the second within 10 days. However, it is going to take a final call on NEET-UG on whether it will be conducted in August end or September, after reviewing the Covid-19 situation across States/ UTs.

Education

➤The ministry of education (MoE) in 2020 announced that the National Testing Agency (NTA) will conduct the engineering entrance test four times a year. However, after conducting the February and March exams, the computer-based test had to be postponed in April 2021 due to the second wave of the pandemic and subsequent lockdown

➤Over 6.2 lakh candidates appeared in February exams, while 5.5 lakh candidates appeared in the March session of the exams

➤The NEET-UG, the entrance exam for MBBS and dental courses as of now, had been scheduled for August 1, 2021. However, the registration is yet to commence as many parts of the country are still under lockdown

Emmy Awards announce gender-neutral option for nominees and winners

The Television Academy's Board of Governors have approved the gender-neutral option for nominees and winners. According to new rules, the nominees in the Best Actress or Best Actor honours can choose to be called a "performer" rather than an actor or an actress when the 73rd Primetime Emmy Awards take place in September this year, reports aceshowbiz.com.

- The decision comes into effect after a years-long debate over how to accommodate gender-neutral performers at awards ceremonies
- Actor Asia Kate Dillon, in 2017, had asked the TV Academy to clarify its gender distinctions

An e-bike with wireless charging

INNOVATION

Students of KL Deemed University in Hyderabad have developed a unique electric bike with wireless charging technology. The e-bike allows people to travel at a maximum speed of 55 kmph, with a charging capacity that can cover between 85 and 100 km in standard conditions in a single recharge that takes five hours. The charging technology, coupled with the programmable cell balancing feature, releases maximum battery potential for a long-lasting charge.

The e-bike has futuristic features, including cell balancing and wireless charging, which are available only in a few places around the world

You ask, We answer

Are you facing issues related to academics, mental health, etc? Do you want to share your problems, but shy to reveal it with your near ones? Never mind, our expert, CBSE helpline counsellor, **Jaydeb Kar,** will answer queries from students, parents and educators. Your identity will be strictly protected...

Q The Covid scare has taken a toll of my 10-year-old son's mental health, as he has started having sleepless nights. As parents how can we help him?

■ Stress and sleep are connected to each other, if the child is stressed, he won't be able to sleep well. Educate your child on the facts and precautions related to Covid, involve him in household activities, family time, and channelise his energy in positive direction. Plan the day for him; schedule his sleeping and waking up time. This will help him.

Q With more than a year of online learning and staying indoors, I have started feeling low. I do not enjoy online classes. What should I do?

■ We are in the middle of a pandemic, and we need to understand that it will take time for things to come back to normal. For keeping yourself happy and motivated, you can socialise virtually. You can meet your friends through video calls, and plan group studies online so as to make studies interesting. Also, stay connected with them telephonically. Besides, when the online classes are on, keep all possible distractions at bay. Disconnect from social media, your level of interest and concentration will improve.

(MAIL US YOUR QUERIES AT TOINIE175@GMAIL.COM)

It's not that I am so smart, it's just that I stay with the problems longer.

-Albert Einstein

LEARN THE FORMULA TO GET MAX OUT OF MATH

EXAMS fun

CLASS: X - 2020-21

SUBJECT: Mathematics (CBSE)

Time Allowed: 3 Hours

Maximum Marks: 80

PAPER SET BY SANDHYA PATEL, LAKSHMI NADIMINTI, ZEBAR SCHOOL FOR CHILDREN, AHMEDABAD

GENERAL INSTRUCTIONS

1. This question paper contains two parts A and B.
2) **PART-A:** It consists of two sections - I and II
3) **PART-B:** 1. It consists of three sections – III, IV and V
4) Internal choice is provided in 2 questions of 2 marks, 2 questions of 3 marks and 1 question of 5 marks.

PART-A (SECTION-I)

Section-I has 16 questions of 1 mark each. Internal choice is provided in 3 questions.

Q1. Find the total number of factors of a prime number. [1]

Q2. If the sum of the zeroes of the quadratic polynomial $3x^2 - kx + 6$ is 3, then find the value of k. [1]

Q3. If $x = a, y = b$ is the solution of the pair of equations. $x - y = 2$, and $x + y = 4$, then find the value of a and b. [1]

Q4. State the type of the graph of the pair of linear equation.
$3x - 5y = 11$, $6x - 10y = 7$. [1]

Q5. Which term of the AP: 92,88,84,80 ..... is 0? [1]

OR

In an AP, if $a = 7.2$, $d = 3.6$, $a_n = 7.2$, then find n.

Q6. Find the roots of the quadratic equation $x^2 + 7x + 10 = 0$. [1]

Q7. For what value(s) of 'a' the quadratic equation $3ax^2 - 6x + 1 = 0$ has no real roots? [1]

OR

State whether the equation $(x+1)(x-2) + x = 0$ has two distinct real roots or not. Justify your answer. [1]

Q8. If two tangents inclined at 60° are drawn to a circle of radius 3 cm, then find the length of each tangent. [1]

Q9. If the radii of two concentric circles are 4 cm and 5 cm, then find the length of chord of one circle which is the tangent to the other. [1]

Q10. In ΔABC, D and E are points on side AB and AC respectively such that DE || BC. If AE = 2 cm, AD = 3 cm and BD = 4.5 cm, then find CE. [1]

Q11. To divide a line segment AB in the ratio 4:7, first a ray AX is drawn such that $\angle BAX$ is an acute angle and then at equal distances points are marked on the ray. Find the minimum number of these points. [1]

Q12. Sin A + cos B = 1, A = 30°and B is an acute angle, then find the value of B. [1]

Q13. Find the value of $(1+\tan^2\theta)(1-\sin\theta)(1+\sin^2\theta)$ [1]

Q14. In a circle of diameter 42 cm, if an arc subtends an angle of 60° at the centre where $\pi = 22/7$ then what will be the length of the arc? [1]

Q15. Two cones have their heights in the ratio 1 : 3 and radii in the ratio 3 : 1. What is the ratio of their volumes? [1]

Q16. Raj tosses two different coins simultaneously. Find the probability of getting atleast one tail. [1]

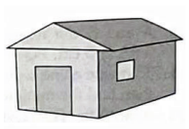
OR

Find the probability of getting a black queen when card is drawn at random from a well shuffled pack of 52 cards.

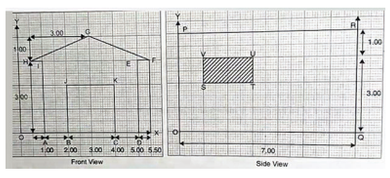
(SECTION-II)

Case study based questions are compulsory. Attempt any four sub parts of each question. Each sub-part carries one mark.

Q17. A garage manufacturer's "basic" range includes models with just one window and one door.



George chose the following model from the "basic" range. The position of the window and the door are shown here. The two plans below show the dimensions, in metres, of the garage George chose.



Answer the following questions

(i) Refer to the Front View
Find the mid-point of the segment joining the points J(2, 2) and K(4, 2). [1]
a) (3, 3) **b)** (1, 3) **c)** (3, 2) **d)** (2, 3)

(ii) Refer to Front View
What is the distance of point G from the y- axis? [1]
a) 4 **b)** 3 **c)** 7 **d)** 6

(iii) Refer to Side View
Find the distance between O and R. [1]
a) $\sqrt{65}$ **b)** $\sqrt{15}$ **c)** 7 **d)** 25

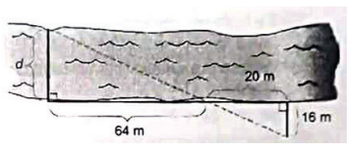
(iv) Refer to Front View Find the coordinates of the point which divides the line segment joining the point $H\left(\frac{1}{2}, 3\right)$ and E (5,3) in the ratio 1:3 internally. [1]
a) $\left(\frac{13}{8}, 3\right)$ **b)** $\left(\frac{23}{5}, \frac{9}{5}\right)$ **c)** (3,2) **d)** $\left(\frac{13}{2}, \frac{9}{5}\right)$

(v) Refer to Side View
Find the area of wall OQRP. [1]
a) 20 sq. units **b)** 25 sq. units
c) 24 sq. units **d)** 28 sq. units

Q18. Case Study-2 [1]

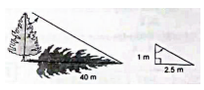
"If parallel lines cut off congruent segment on one transversal, then they cut off congruent segment on any transversal." Graph given alongside shows similar triangles used to depict fuel economy standards for automobiles. Above Theorem can be used to divide a given segment into any number of segment into any number of congruent parts.

Answer the following questions



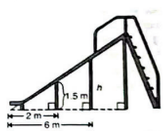
(i) Find the distance 'd' across the river sketched as follows [1]
a) 16 m **b)** 51.2 m **c)** 90 m **d)** 75 m

(ii) On a sunny day, a tall tree casts a shadow. At the same time, a metre stick held vertically casts a 2.5 m shadow. How tall is the tree? [1]



a) 15 m **b)** 10 m **c)** 16 m **d)** 12 m

(iii) Determine the vertical height 'h' of the playground slide shown in the figure [1]



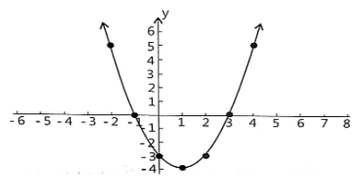
a) 4.5 m **b)** 6 m
c) 3 m **d)** 12 m

(iv) If two similar triangles have a scale factor 1 : 3 which statement regarding the two triangles is true? [1]
a) Their angle bisectors have a ratio 27:1
b) Their altitudes have a ratio 1 : 3
c) The ratio of their perimeters is 1 : 9
d) Their median have a ratio 3 : 1

(v) In a right triangle, the square of the hypotenuse is equal to the sum of the squares of the other two sides. This theorem is called [1]
a) Thales **b)** Converse of Pythagoras
c) Pythagoras **d)** converse of Thales

Q19. Case study-3
Due to heavy storm an electric wire got bent as shown in the figure. It followed a mathematical shape.

Answer the following questions



(i) Name the shape in which the wire is bent. [1]
a) Spiral **b)** Ellipse
c) Linear **d)** Parabola

(ii) How many zeroes are there for the polynomial (shape of the wire)? [1]
a) 2 **b)** 3 **c)** 1 **d)** 0

(iii) The zeroes of the polynomial are[1]
a) –1,5 **b)** –1,3 **c)** 3, 5 **d)** –4,2

(iv) What will be the expression of the polynomial? [1]
a) $x^2 + 2x - 3$ **b)** $x^2 - 2x + 3$
c) $x^2 - 2x - 3$ **d)** $x^2 + 2x + 3$

(v) What is the value of the polynomial for $x = -1$? [1]
a) 6 **b)** –18 **c)** 18 **d)** 0

Q20. Case Study based – 4
100 m RACE
A stopwatch was used to find the time that it took a group of students to run 100m.

(i)

Time (in sec)	0-20	20-40	40-60	60-80	80-100
No of students	8	10	13	6	3

Estimate the mean time taken by a student to finish the race. [1]
a) 54 **b)** 63 **c)** 43 **d)** 50

(ii) What will be the lower limit of the modal class? [1]
a) 20 **b)** 40 **c)** 60 **d)** 80

(iii) The construction of the cumulative frequency table is useful in determining the [1]
a) Mean **b)** Median
c) Mode **d)** All of these

(iv) The sum of the lower limits of the median class and the modal class is [1]
a) 60 **b)** 100 **c)** 80 **d)** 140

(v) How many students finished the race within 1 minute? [1]
a) 18 **b)** 37 **c)** 31 **d)** 8

PART-B (SECTION-III)

Q21. If two positive integers p and q are written as $p = a^2b^3$ and $q = a^3b$; a, b are prime numbers, then verify $LCM\ (p,q) \times HCF\ (p,q) = pq$. [2]

Q22. Find the point on the x axis which is equidistant from the points (2,–2) and (–4,2). [2]

OR

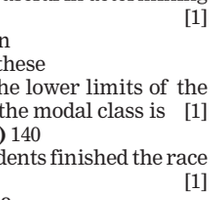
P(–2, 5) and Q(3, 2) are two points. Find the coordinates of the point R on PQ such that PR = 2QR.

Q23. Find the quadratic polynomial whose zeroes are $5-3\sqrt{2}$ and $5+3\sqrt{2}$. [2]

Q24. Draw a line segment AB of length 7 cm. Taking A as centre, draw a circle of radius 3 cm and taking B as centre, draw another circle of radius 2 cm. Construct tangents to each circle from the centre of the other circle. [2]

Q25. Verify $\frac{\cos 30° + \sin 60°}{1 + \sin 30° + \cos 60°} = \cos 30°$ [2]

Q26. In the figure, a quadrilateral ABCD is drawn to circumscribe a circle, with centre O, in such a way that the sides AB, BC, CD and DA touch the circle at the points P, Q, R and S respectively. Prove that AB + CD = BC + DA. [2]



(SECTION-IV)

Q27. Prove that $2 - \sqrt{3}$ is irrational, given that $\sqrt{3}$ is irrational. [3]

Q28. Solve for x: $4x^2 - 4ax + (a^2 - b^2) = 0$ [3]

Q29. Find the area of the shaded region in figure, where APD, AQB, BRC and CSD are semi – circles of diameter 14 cm, 3.5 cm, 7 cm and 3.5 cm respectively. [3]

Q30. Prove that the area of an equilateral triangled described on one side of a square is equal to half the area of the equilateral triangle described on one of its diagonals. [3]

OR

D, E and F are respectively the mid – points of sides AB, BC and CA of ΔABC. Find the ratio of the areas of ΔDEF and ΔABC.

Q31. Find the mean and median for the following data: [3]

Class	0 - 4	4 - 8	8 - 12	12 - 16	16 - 20
Frequencies	3	5	9	5	3

Q32. The angle of elevation of a jet fighter from a point A on the ground is 60°. After a flight of 15 seconds, the angle of elevation changes to 30°. If the jet is flying at a speed of 720 km/hr, find the constant height. (Use $\sqrt{3} = 1.732$) [3]

Q33. The mean of the following frequency distribution is 62.8 and the sum of frequencies is 50. Find the missing frequencies f_1 and f_2: [3]

Classes	0-20	20-40	40-60	60-80	80-100	100-120
Frequencies	5	f_1	10	f_2	7	8

(SECTION-V)

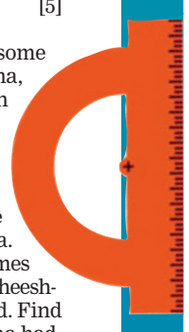
Q34. A man on the top of a vertical tower observes a car moving at a uniform speed coming directly towards it. If it takes 12 minutes for the angle of depression to change from 30° to 45°, how soon after this, will the car reach the tower? Give your answer to the nearest second.

OR

From the top of a building 15 m high, the angle of elevation of the top of a tower is found to be 30°. From the bottom of the same building, the angle of elevation of the top of the tower is found to be 60°. Find the height of the tower and the distance between the tower and the building. [5]

Q35. A solid consisting of a right cone standing on a hemisphere is placed upright in a right circular cylinder full of water and touches the bottom. Find the volume of water left in the cylinder, if the radius of the cylinder is 30 cm and its height is 90 cm, the radius of the hemisphere is 30 cm and height of the cone is 60 cm, assuming that the hemisphere and the cone have common base. [5]

Q35. The angry Arjuna carried some arrows for fighting with Bheeshma, with half the arrows, he cut down the arrows thrown by Bheeshma on him and with six other arrows he killed the charioteer of Bheeshma. With one arrow each he knocked down respectively the chariot, flag and bow of Bheeshma. Finally, with one more than four times the square root of arrows, he laid Bheeshma unconscious on an arrow – bed. Find the total number of arrows Arjuna had. [5]



These questions are meant for practice purpose only. Students are advised to check format, syllabus and marks for Board test papers with their teachers. Questions have been given by teachers and NIE is not responsible for them.

QUICK REVISION

ENGLISH
CLASS X, CBSE

Q1) Choose the correct options to fill in the blanks to complete the note about the Wangala Festival of Meghalaya.

The Wangala -(i)- festival for the Garo in Meghalaya, Assam and Nagaland. It is a postharvest festival -(ii)- the end of the agricultural year. It is popularly known as 'The Hundred Drums' festival. During the signature dance, the leading warrior -(iii)- with synchronised dance steps and specific handhead movements.

(i) **a)** is important
b) are an important
c) was the important
d) is an important

(ii) **a)** being celebrated for marking
b) celebrated to mark
c) celebrated to marking
d) being celebrated for mark

(iii) a) leads the youngsters
b) is lead the youngsters
c) was leading the youngsters
d) had leads the youngsters

Q2) Fill in the blanks by choosing the correct options.

(i) You..... consult the Thesaurus if you need groups of synonyms for those words.
a) had to **b)** need to
c) used to **d)** might

(ii) Everybody .....keen to participate in the upcoming nukkad natak.
a) are **b)** has
c) is **d)** were

(iii) The good news is that..... volunteers dropped out this month than the last two.
a) fewer **b)** less
c) few **d)** a little

(iv) It was .....historic day for the organisation when ..... honour was bestowed upon its employees.
a) a; an **b)** an; the
c) the; a **d)** an; a

(v) At this time tomorrow we ..... our project details to ma'am.
a) are presenting
b) shall be presenting
c) have been presenting
d) will have presenting

(vi) The Komodo dragon ..... follow its prey till it will eventually dies due to its venomous bite.
a) must **b)** will
c) could **d)** may

Q3) Read the extract given below and answer the questions that follow.

But he's locked in a concrete cell,
His strength behind bars,
Stalking the length of his cage,
Ignoring visitors.
He hears the last voice at night,
The patrolling cars,
And stares with his
brilliant eyes
At the brilliant stars

(i) The fact that the tiger is 'stalking the length of his cage' tells us that he is
a) restless. **b)** reckless.
c) resilient. **d)** reverent.

(ii) What is the rhyme scheme of the given stanzas?
a) abcb; abcb **b)** abcb; abcd
c) abcd; abcd **d)** abcd; abcb

(iii) These stanzas bring out the contrast between
a) zoos and cities.
b) strength and weakness.
c) freedom and captivity.
d) visitors and patrolling cars.

(iv) What is the caged tiger NOT likely to say to the visitors?
a) "Stop staring".
b) "Set me free".
c) "Join me".
d) "Go away".

(v) The tiger's 'brilliant eyes' reveal that he
a) hopes to be free and in the wild, someday.
b) is looked after well and is nourished and healthy.
c) enjoys staring at the bright stars each night.
d) is well-rested and hence, wide-awake.

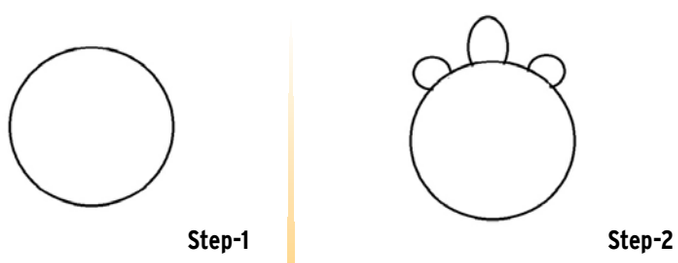
CLICK HERE: PAGE 3 AND 4

"Life is short, but there is always time enough for courtesy."
RALPH WALDO EMERSON, POET

LEVEL-1

PURVA PATEL
Art Educator, Bodakdev School for Children, Ahmedabad

Draw the easy way



ANDMAYTOR
A: mandatory B: marriage
C: dates D: mandate

ANKDMLAR
A: marksman B: landmark
C: landing D: land

ONTCILNUA
A: continued
B: continue
C: continual
D: continues

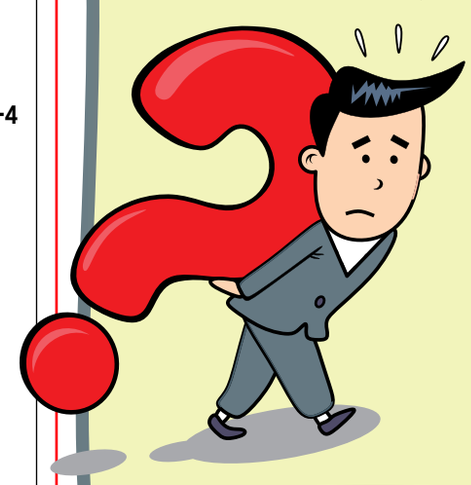
Answers: 1) A, 2) B, 3) C

Riding with the Riddle

It is one of the most beautiful member of its class. It goes through a four-stage life cycle, each of which is fascinating. It is believed to have been in existence since 56 million years. It is sometimes a pest, and also an agent of pollination. They are a popular motif in visual arts and literary works.

Answer: Butterfly

Quiz TIME



Replace each word in capitals with its antonym, so that all the sentences mean just the opposite. Choose correctly!

1 Lockdowns make one **LETHARGIC**
a) Energetic b) Enterprising
c) Exhausted d) Excited

2 They have **AMIABLE** neighbours
a) Ungrateful b) Unhealthy
c) Unpleasant d) Unsuitable

Answers: 1) a. Energetic 2) c. Unpleasant 3) a. Opportune 4) d. Avoidable 5) b. Verbose 6) d. Humane 7) c. Modest

ABSORBING ANTONYMS!

SURYAKUMARI DENNISON, teacher, Aavishkar Academy, Bengaluru

3 This is an **UNPROPITIOUS** moment
a) Opportune b) Offensive
c) Outrageous d) Ominous

4 The accident was **INEVITABLE**
a) Acceptable b) Advisable
c) Agreeable d) Avoidable

5 She is **TACITURN** by nature.
a) Valiant
b) Verbose
c) Vindictive
d) Volatile

6 He has a **RUTHLESS** disposition
a) Harmful b) Headstrong
c) Horrid d) Humane

7 Their speech is **PRETENTIOUS**
a) Mature b) Mysterious
c) Modest d) Majestic

LEVEL-2

Idiom-etrics

SURYAKUMARI DENNISON, teacher, Aavishkar Academy, Bengaluru

(Choose the idiom that best suits the situation)

Malini was an excellent debater and, every year, she was adjudged the 'Best Speaker' at school. On one occasion, Malini decided to try her luck at creative writing. She was a bit nervous, as she had never taken part in such a competition before. To her delight, she won the first prize for her fanciful sci-fi tale about life on Mars. Malini was used to annual acclaim for her oratorical skills, but considered this award for authorship a great achievement.

A) Bee in one's bonnet B) Feather in one's cap
C) A bad hat

Answer: B

When the children were fighting, their mother eased the situation by promising them a treat.

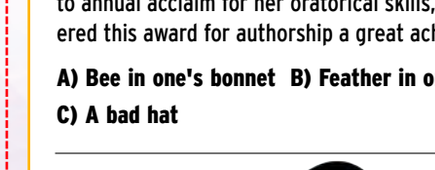
A) Pour oil on troubled waters
B) Throw cold water over something
C) Keep one's head above water

Answer: A

TRIVIA

The calming effect of 'pouring oil on troubled waters' had been observed by Pliny the Elder, an ancient Roman philosopher and naturalist. Much later, Benjamin Franklin (18th-century American statesman and scientist) performed an experiment in London that confirmed Pliny's findings. Franklin noticed that a teaspoonful of oil dropped in the water of a pond made the surface smooth. Today, of course, a marine oil spill would be considered an environmental disaster!

FIND THE MISSING TERMS IN THE FOLLOWING SEQUENCE



1 A. 4 B. 6 C. 7 D. 9

Answer : A

2 A. 40 B. 80 C. 70 D. 90

Answer : B

3

7	22	5
5	9	11
9	11	15
38	77	?

A. 160
B. 480
C. 570
D. 190

Answer : A

Weave a story with headlines

Include some of these headlines to make a story and give it a title. Mail the story to us at toinie175@gmail.com. The interesting one will be published in the edition. Watch out for this space!!!

The headlines:

1) My dad, my hero
2) All hail yoga!
3) Should you read a summary before
4) CBSE will adopt 30:30:40 formula for evaluation of marks of class XII students: Centre to SC
5) How you can find your purpose
6) Pokémon GO creator Niantic to make a Transformers game
7) Facebook launches new initiative to help children be safe online

Learn a NEW LANGUAGE

FRENCH

1) Où est un bon restaurant/un bon café?
Meaning: Where is a good restaurant/a good café?

2) Je cherche le métro/le gare/l'aéroport
Meaning: I am searching for the metro/train station/airport

3) C'est tout droit
Meaning: It's straight ahead

4) C'est à gauche
MEANING: It's to the left

5) C'est à droite
MEANING: It's to the right

Work sheet

Q:1 If you ask for direction and someone says, "C'est à droite" what does it mean?

Q:2 How will you ask for nearby good restaurant?

Q:3 How will you ask for nearby metro?

Q:4 How will u ask a man for a nearby café?

1) It means , you have to go in right direction
2) Où est un bon restaurant? 3) Je cherche le metro?
4) Monsieur, Où est un bon café

JUST LIKE THAT AJIT NINAN

It's mask or 3rd wave

"Your biggest opponent isn't the other guy. It's human nature."
Bobby Knight, former basketball player

RONALDO DOUBLE RESCUES PORTUGAL IN DRAMATIC DRAW

Cristiano Ronaldo came to Portugal's rescue with two penalties to cancel out a brace from France's Karim Benzema in an enthralling 2-2 draw that sent both sides into the Euro 2020 last 16 in a frantic conclusion to Group F

Portugal's Cristiano Ronaldo celebrates after scoring his side's second goal

Photo: AP

An anxious night for the reigning European champions saw them occupy every position in the so-called group of death at various junctures but the 36-year-old Ronaldo, so often his country's saviour, stepped up to reach another career milestone. He had already become the highest-ever scorer in Euro finals with his double against Hungary in the opening game and his two spot-kick conversions -- in the 31st and 60th minutes -- took him to 109 international goals, level with the record number scored by Iran's Ali Daei.

> **"When I was asked what we had to do that was different from the game against Germany, I said it was to be like ourselves. We were strong, consistent, with a great spirit. We can continue to improve."**
> **FERNANDO SANTOS, Manager, Portugal**

Benzema's first in five years

■ Benzema's first was also from the spot as for the first time in European Championship history three penalties were converted in regular time. The Frenchman, recalled by manager Didier Deschamps for the tournament after a five-year exile, equalised on the stroke of halftime with his first France goal for five years and 258 days.

■ He put France ahead two minutes after the interval and with Hungary leading Germany at that point in the other game, Portugal were bottom of Group F and staring at the exit. But Ronaldo coolly beat Hugo Lloris again from 12 yards and Portugal held on for the draw which means they finished on four points in third place and can now prepare for a last-16 clash against Belgium in Seville.

France emerge toppers

■ World champions France topped a crazy group with five points and will take on Switzerland in Bucharest. "It was a fight and it wasn't easy. We gave them the two goals from mistakes. We tried to win it," said France manager Didier Deschamps, whose side were in danger of a last-16 clash with England at Wembley when they fell behind. "It means we're top and that's the best position."

Every scenario possible

■ The Euro 2020 format has been criticised but there is no doubt that it produced a gripping night in which every conceivable scenario seemed to come into play. Portugal needed only a draw to seal a last-16 spot but after bossing the first half with recalled Renato Sanches and Joao Moutinho commanding in midfield, they lived dangerously. When the dust settled however, they will be in the business end of the tournament they won in 2016 by beating France. Portgual were awarded a penalty in the 27th minute after Hugo Lloris's attempted punched clearance wiped out Danilo. Lloris was shown a yellow card before Ronaldo smashed the penalty into the corner. They began to swagger but they were pegged back when referee Antonio Mateu Lahoz deemed that Nelson Semedo had bundled over Kylian Mbappe on the stroke of halftime as he tried to latch on to Paul Pogba's pass.

■ Benzema buried the penalty and two minutes after the break he was picked out by the influential Pogba again and the Real Madrid striker slotted the ball past Rui Patricio. But the game's third penalty, awarded for a handball by Jules Kounde, gave Ronaldo the chance to beat Lloris again from the spot to register his fifth goal of the tournament and he was never going to miss.

■ Rui Patricio turned a spectacular Pogba effort against the woodwork seven minutes later but Portugal held on and got the added bonus of a late Germany equaliser that means they also avoided a last-16 meeting with England. REUTERS

EURO 2020 LAST-16 QUALIFIERS

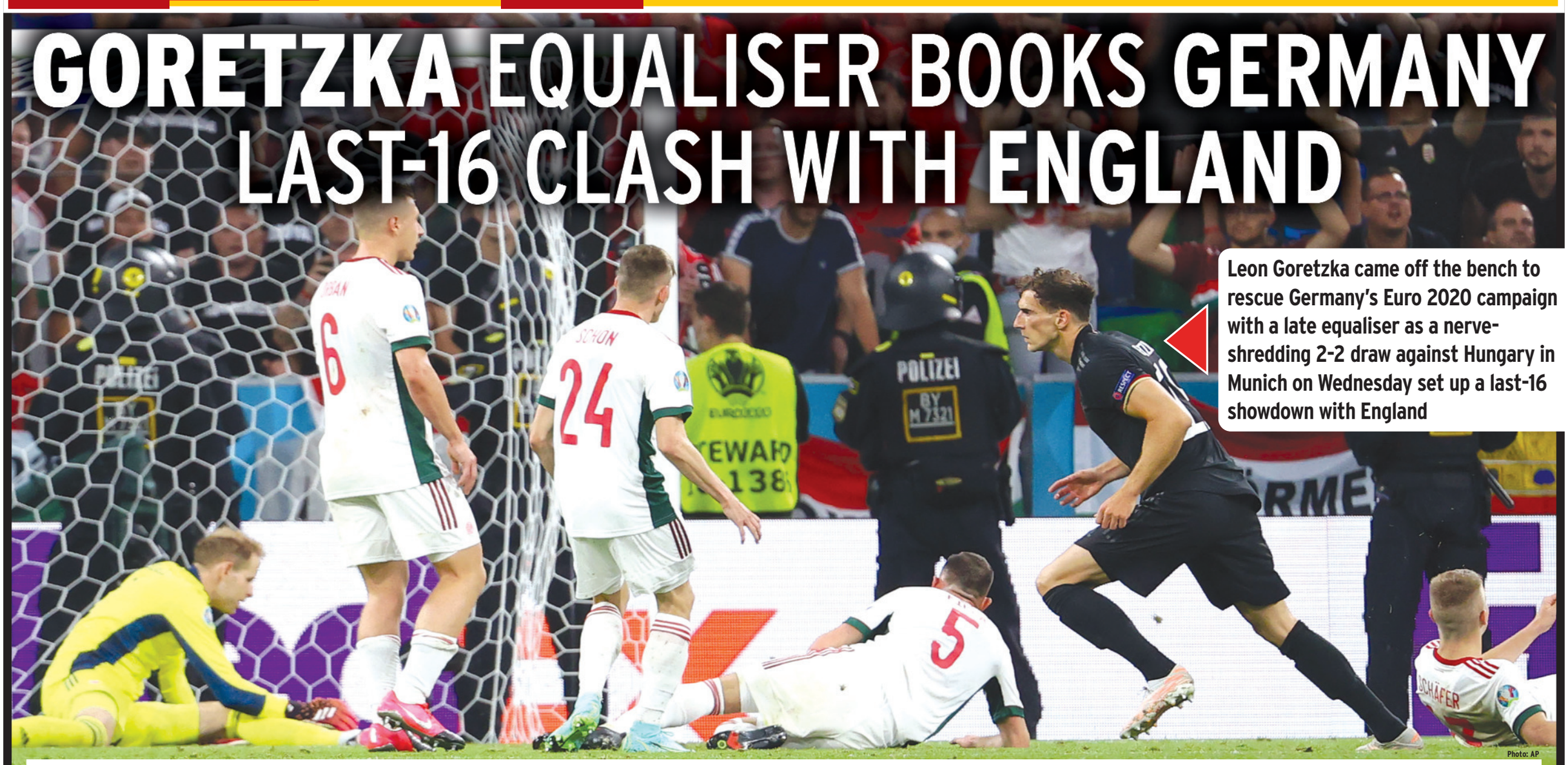
Teams that have qualified for the last 16 of Euro 2020

Italy, Wales, Switzerland, Belgium, Denmark, Netherlands, Austria, Ukraine, England, Croatia, Czech Republic, Sweden, Spain, France, Germany, Portugal

LAST-16 FIXTURES

Saturday, June 26	Sunday, June 27	Sunday, June 27	Monday, June 28	Tuesday, June 29
Wales vs Denmark Italy vs Austria	Netherlands vs Czech Republic	Belgium vs Portugal	Croatia vs Spain France vs Switzerland	England vs Germany Sweden vs Ukraine

GORETZKA EQUALISER BOOKS GERMANY LAST-16 CLASH WITH ENGLAND



Leon Goretzka came off the bench to rescue Germany's Euro 2020 campaign with a late equaliser as a nerve-shredding 2-2 draw against Hungary in Munich on Wednesday set up a last-16 showdown with England

Photo: AP

Adam Szalai gave Hungary a shock early lead and although Germany drew level through Kai Havertz in the second half, the Hungarians went back in front almost immediately through Andras Schaefer. With six minutes left, Goretzka fired home a crucial equaliser to set up a blockbuster tie against England at Wembley on Tuesday, eliminating Hungary who finished bottom of Group F. "I am absolutely delighted -- we have no doubts now and are full of confidence," said Goretzka amid German celebrations at the final whistle.

Germany only narrowly avoided a repeat of their shock group-stage exit, as defending champions, at the 2018 World Cup in Russia. "We made mistakes but fought and showed superb morale," said Germany coach Joachim Loew, who was six minutes from ending his 15 years in charge with an embarassing defeat. Low's substitutes rescued the game and kept him in his job for at least a few more days. "It was not for the faint-hearted. Now it will be a real highlight to play against England at Wembley. "We will be well prepared -- I can promise that." Hungary goalkeeper Peter Gulacsi admitted it was tough to accept bowing out after leading twice. "It's hard to find the words," he said. "We played well. Clearly Germany dominated. In the end, it's bad luck for us and good luck for Germany."

Hungary gets an early start

■ Germany got off to the worst possible start when Szalai ghosted in between centre-backs Mats Hummels and Matthias Ginter to head Roland Sallai's superb cross past Manuel Neuer. Delighted travelling Hungarian fans celebrated wildly as their German counterparts looked on in silence. Hungary taking the lead with just 11 minutes gone sparked Germany into action as Hummels hit the crossbar, then Ginter fired straight at visiting goalkeeper Peter Gulacsi.

■ A cloudburst over north Munich soaked the Allianz Arena pitch as Germany poured forward in a desperate search for an equaliser. The euphoria felt across the country after Germany's spectacular 4-2 win over Portugal just four days previously had suddenly evaporated. But the hosts drew level on 66 minutes when Gulacsi failed to catch a Joshua Kimmich free-kick, Hummels headed the ball on and Havertz nodded into an empty net.

■ The joy in the German ranks was short-lived as Hungary regained the lead straight from the restart. A long ball found Szalai, who lofted a pass over the defence where Schaefer got between the scrambling German defenders to head past an onrushing Neuer.

■ The crucial second German equaliser was down to two substitutes. Teenager Jamal Musiala's cutback found his Bayern Munich teammate Goretzka, who set up Timo Werner for a blocked shot. But the rebound dropped to Goretzka who smashed the ball into the back of the net to avoid humiliation for Germany.

■ The Germans seemed to miss Thomas Muller's unpredictability. He was on the bench because of a knee injury sustained in the 4-2 win over Portugal. Leroy Sane started in his place, the only change Low made from the teams that started both previous games.

■ Three years after being eliminated from the group stage at the 2018 World Cup, Germany can now look forward to a trip to London to face England on Tuesday in the round of 16 at Wembley Stadium. ``There is hardly a nicer match,'' Germany midfielder Joshua Kimmich said. ``Whether it has to be in the round of 16 ... we're definitely looking forward to it. I hope now we've finally arrived at the tournament.''

■ "The group we got was probably the hardest you can get in Europe,'' Peter Gulacsi said. "Still, we were on course to progress until the 84th minute. Little things decide in the end. We didn't imagine before the tournament that we'd be so close. Now of course it's bitter.'' REUTERS