

اختبار الوحدة الأولى



تم تحميل هذا الملف من موقع المناهج الإماراتية

موقع المناهج ← المناهج الإماراتية ← الصف الثامن ← علوم ← الفصل الأول ← ملفات متنوعة ← الملف

تاريخ إضافة الملف على موقع المناهج: 2026-09-30 11:19:48

ملفات اكتب للمعلم اكتب للطالب | اختبارات الكترونية | اختبارات | حلول | عروض بوربوينت | أوراق عمل
منهج انجليزي | ملخصات وتقارير | مذكرات وبنوك | الامتحان النهائي | للمدرس

المزيد من مادة
علوم:

التواصل الاجتماعي بحسب الصف الثامن



صفحة المناهج
الإماراتية على
فيسبوك

الرياضيات

اللغة الانجليزية

اللغة العربية

التربية الاسلامية

المواد على تلغرام

المزيد من الملفات بحسب الصف الثامن والمادة علوم في الفصل الأول

اختبار على الوحدة الأولى منهج عربي

1

اختبار العلوم الوحدة الأولى

2

أنسباير-Analyzing rock and fossil record

3

المناخ -بريدج

4

انتقال الطاقة الحرارية -بريدج

5



وزارة التعليم
MINISTRY OF EDUCATION

اختبار العلوم انسابير الصف الثامن يونيت 2 الوحدة الأولى الفصل الأول 2026-2027

إحجز مكانك واستعد للامتحان بثقة كاملة

احصل على الشرح الكامل للصف من خلال:

التواصل والحجز عبر الـ Whatsapp
اضغط على الرقم: 0566410429

للتواصل والحجز



للانتقال إلى المواقع
اضغط هنا

شرح الدروس



انضم للقناة



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يمكنكم الحصول على

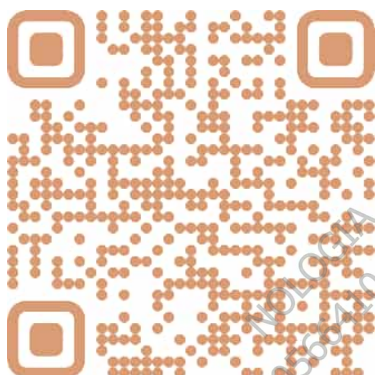
شرح دروس
الفصل كاملاً

بـ 99
درهم فقط

ملزمة محلولة
بالكامل

اختبارات مع الحل

لا تتردد في التواصل
معنا قم بمسح الـ QR



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اختبار الوحدة الأولى

الأسئلة الموضوعية - MCQ



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Question 1: Use the table to answer the question. The data in the table above shows how far a sea turtle travels over several days. What would the line on a plot of this data look like?

Green Sea Turtle's Distance and Time Data

Time (days)	Distance (km)
0	0
1	16
2	32
3	48
4	64
5	80
6	96

- A. The line would curve upward and to the right
- B. The line would point straight upward to the right
- C. The line would go up and down
- D. The line would point upward then downward

Question 2: What is the base unit of length per the International System of Units (SI)?

- A. Meter
- B. Foot
- C. Kilometer
- D. Mile

Question 3: When the reference point changes, what happens to the actual location of the object?

- A. The actual location does not change, only the description changes
- B. The actual location changes
- C. The object moves to a new position
- D. The object disappears

Question 4: When is velocity constant?

- A. When the object is moving at a constant speed but its direction changes
- B. When the object's speed changes but its direction stays the same
- C. When both speed and direction change
- D. When the object is moving at a constant speed and its direction does not change

Question 5: An object has a force acting on it to the right and has a frictional force to the left as shown below. Use the model below to answer to the question. What would a model of the net force look like?



- A. The arrow would be to the right at the same length as before, because friction is a different force
- B. There would be no net force because the two forces are in opposite directions
- C. The arrow would be to the left because friction is slowing the object down
- D. The arrow would be to the right but shorter than before to account for the friction force

Question 6: A train moves at a constant speed down a straight track. Which of the following scientific explanations is true?

- A. No forces act on the train as it moves
- B. The train moves because no forces are acting against it
- C. The forces of the train's engine balance the force of friction opposing it
- D. An unbalanced force keeps the train moving

Question 7: What is the definition of a force?

- | |
|---|
| A. A type of energy stored in an object |
| B. A push or a pull on an object |
| C. The speed at which an object moves |
| D. The mass of an object |

Question 8: In a tug of war, what is the only way for a team to win?

- | |
|---|
| A. To have unbalanced forces, when one team pulls harder than the other |
| B. To have balanced forces |
| C. To pull with the same force as the other team |
| D. To let go of the rope |

Question 9: A person is applying a force to the right on an object as shown. Use the model below to answer to the question. The person is standing on ice with little to no friction. What will be the motion of the person applying the force to the object?



- A. begin to move to the right because that is the direction of the push
- B. no change in motion because the person is pushing the object
- C. begin to move to the left because the object pushes on the person
- D. begin to move to the right with the object

Question 10: Which of the following systems does NOT represent a force pair?

- A. When a diver jumps off a diving board, the board pushes the diver up
- B. When you push on a bike's brakes, the friction between the tires and the road increases
- C. When an ice skater pushes off a wall, the wall pushes the skater off of the wall
- D. When a boy pulls a wagon, the wagon pulls back on the boy

Question 11: When you push on a wall, in which direction does the wall's normal force push?

- | |
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| A. Straight down toward the ground |
| B. Straight up toward the sky |
| C. In the same direction you are pushing |
| D. Straight out from the wall |

Question 12: According to Newton's third law, what happens when a car hits the barrier wall?

- | |
|--|
| A. The wall absorbs the force and does not react |
| B. The car stops instantly without applying force to the wall |
| C. The car applies a force to the wall, and the wall applies a force back onto the car |
| D. The barrier moves out of the way to let the car pass |

Question 13: The model below represents a star orbited by two planets—Planet A and Planet B. The star is also orbited by a mysterious object, Object X, which entered into the star's gravitational field. The star is the most massive object, followed by Planet B, Planet A, and Object X. Use the model to answer the questions. In the model above, how is the mass of the objects represented?



- | |
|--|
| A. The mass is represented by the distance between the objects |
| B. The mass is represented by the size of the objects |
| C. The mass is represented by the color of the objects |
| D. The mass is not represented |

Question 14: If a person has a mass of 45 kg, what is the gravitational force between them and Earth when they are on the Moon (about 384,000 km away)?

- | |
|--------------------|
| A. About 0.12 N |
| B. About 440 N |
| C. About 45 N |
| D. About 384,000 N |

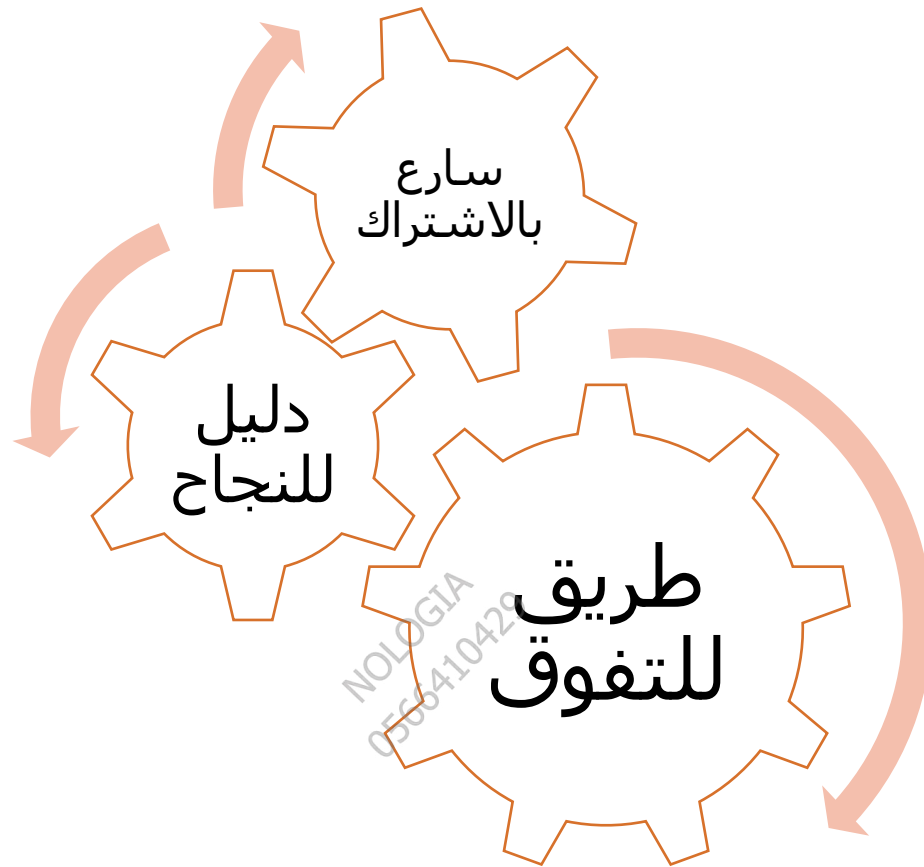
Question 15: What is the value of gravitational acceleration (g) close to Earth's surface?

A. 9.8 m/s^2

B. 45 m/s^2

C. 440 N

D. 10 kg



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0566410429

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