

British Novice Tournament 2017: INSERT WITTY SUBTITLE HERE

By Tom Hill, Joseph Krol, Alex Peplow, Ellie Warner, Francis Clark-Murray, Chris Stern, Theo Howe, Sam Cook, Jacob Robertson, Leonie Woodland, Julian Sutcliffe, Oliver Clarke, Matt Nixon, Tom de Bock, Dan Lawson, Tricia Goggin, Daoud Jackson, Ewan Macaulay, Evan Lynch and a couple more people.

Packet 4:

The previous tossup should have been on Black:

Tossups:

1. In autumn 2014, this group produced a propaganda video series called *Lend Me Your Ears*, hosted by John Cantlie, and also used a YouTube video to declare its intention to mint its own currency, called “The Golden Dinar”. This group partially funds itself by using the Kirkuk-Ceyhan pipeline to smuggle oil from al-Tanak and al-Omar. Its members communicate via the instant messaging service “Telegram”. In October 2017, this group’s former headquarters at Raqqa were recaptured by the Iraqi government. For 10 points, name this Salafi jihadi group which in June 2014 proclaimed itself a worldwide caliphate.

ANSWER: Islamic State of Iraq and Syria/the Levant [accept Daesh; accept IS, ISIS or ISIL] <Tom>

2. One artist with this surname is shown ‘leaping into the void’ in a notable work of photomontage; that artist is known for his earlier ‘monochromes’ of his namesake shade of blue. An author with this surname critiqued the negative effects of brand-oriented capitalism in *No Logo* and argued that neoliberal capitalism cannot truly counteract climate change in *This Changes Everything*. A fashion label named after a man with this surname introduced boxer briefs in the 1990s and sells the ‘ck’ clothing line. For ten points, name this surname shared by artist Yves, author Naomi and fashion designer Calvin.

ANSWER: Klein [accept Yves Klein, Naomi Klein, or Calvin Klein] <JK>

3. This character is described by his maid as “rough as a saw-edge, and hard as whinstone”, when asked about him by his tenant Mr. Lockwood. After this character overhears a woman saying it would “degrade” her to marry him, he runs away, and marries Isabella on his return. This character becomes the owner of a certain farmhouse by gambling with Hindley, and secures Thrushcross Grange by marrying his son to the daughter of Edgar Linton. For 10 points, name this anti-hero created by Emily Brontë, who falls in love with Catherine Earnshaw in *Wuthering Heights*.

ANSWER: Heathcliff <FCM>

4. In a novel by this author, Lena Grove hitchhikes to Jefferson to confront the father of her child, and Joe Christmas believes he may have African-American ancestry. In another novel by this author, fifteen characters describe the transport of Addie Bundren’s coffin to her burial ground. A family created by this author includes Benjy, who is castrated after he sexually assaults a girl, and his sister Caddy, whose marriage causes Quentin Compson to drown himself. For 10 points, name this American author, who wrote *As I Lay Dying*, and *The Sound and the Fury*.

ANSWER: William Faulkner <Theo>

5. As a child, this figure sculpts twelve sparrows out of clay, and then brings them to life. He is also able to speak to visitors while still in his cradle. This figure is the most mentioned person in the Quran, with over 180 references to him. In most Islamic thought this man, the prophet before Muhammad, is considered to have ascended to heaven without dying; passages in the Quran explicitly reject the story of his crucifixion. For 10 points, name this figure from the Quran, whom Muslims, unlike Christians, do not consider to be the Son of God.

ANSWER: Isa [or Jesus] <Alex>

6. The mutation responsible for this disorder produces a chain of glutamate known as a PolyQ tract in the affected protein. This is an example of a trinucleotide repeat disorder, and is caused when a CAG repeat on chromosome 4 becomes over 35 repeats long. This autosomal dominant disease causes problems with coordination, mental decline and uncontrolled jerky movements known as "chorea". For ten points, name this genetic disorder whose symptoms usually start around 40, and is autosomal dominant.

ANSWER: **Huntington's Disease** <JR>

7. Reconstruction after a disaster in this city saw the first large-scale use of prefabricated buildings in Europe, called Pombaline after the principal minister of the day. This city's Alfama district was its historic centre during Umayyad rule. The 1147 Anglo-Norman capture of this city was one of the only successful military actions of the Second Crusade. The Jerónimos Monastery and the Belém Tower are buildings in this city which predate a 1755 earthquake. For 10 points, name this city on the Tagus River, the capital of Portugal.

ANSWER: **Lisbon** <Alex>

8. John Hooper and John Rogers were the first people to be condemned under laws passed by this ruler. One of this person's first actions as monarch was to release Edward Courtenay and Stephen Gardiner. Ovarian cysts or uterine cancer may have been responsible for this woman's several phantom pregnancies in the years before her death. A popular rebellion led by Thomas Wyatt arose in protest to this queen's proposed marriage to Philip II of Spain. For 10 points, name this daughter of Henry VIII and Catherine of Aragon, whose burning of Protestants earned her the nickname "Bloody".

ANSWER: **Mary I** [accept **Bloody Mary** before mention; prompt on **Mary**] <Tom>

9. The first choral entry in a work by this composer begins on a G minor chord, moves to a second-inversion E-flat major chord, and then an E-flat diminished seventh chord, each time on the word 'Herr'. Elsewhere in that work, a viola da gamba accompanies an alto solo on the words 'Es ist vollbracht,' meaning 'It is accomplished.' This composer also wrote a work in which every third variation on the initial aria is a canon at increasing intervals from the tonic. For ten points, name this Baroque composer, who wrote, among a thousand other things, the *St John Passion*, the *Goldberg Variations* and the *Brandenburg Concertos*.

ANSWER: Johann Sebastian **Bach** [do NOT accept any answers with a different combination of first names/initials] <Alex>

10. Figures depicting the passage of time over a day feature on the corners of the east pediment of this building. One collection of works designed for this structure depicts battles between the Lapiths and the Centaurs, and was completed by the sculptor Phidias. Those works are the centre of a major ownership dispute with the British Museum and are named for Lord Elgin. This structure, designed by Iktinos and Kallikrates, is a masterpiece of the Doric style. For ten points, name this large Ancient Greek temple, located at the summit of the Acropolis in Athens.

ANSWER: **Parthenon** <JK>

11. One comedian with this surname played Lil in the musical rom-com "Walking on Sunshine", and impersonated Amy Winehouse and Adele on her "Big Ass Show". A former psychiatric nurse with this surname wrote and starred in Getting On, and now presents Great British Bake Off: An Extra Slice. Another comedian with this surname, who starred as rock star Aldous Snow in *Get Him to the Greek* and was formerly married to Katy Perry, has published two autobiographies titled My Booky Wook. For 10 points, identify this surname of the comedians Katy, Jo and Russell.

ANSWER: **Brand** [accept Russell **Brand**, Jo **Brand** or Katy **Brand**] <EJW>

12. Taking the divergence of one formulation of this equation erroneously suggested that charge conservation could be violated. This law's 'integral' and 'differential' forms are related by the Kelvin-Stokes theorem. This law's integral form can be used to calculate the magnetic field due to very symmetric geometries such as an infinitely long

solenoid and a long straight wire. This Maxwell equation contains a 'displacement current' term to account for changing electric fields. For ten points, identify this law discovered by the namesake of the SI unit of current?
ANSWER: Ampere's circuital law <JR>

13. Originally called the Merrimac, a ship named for this state fought against the USS Monitor at the battle of Hampton Roads off this state's coast and was clad in iron from its Tredegar Iron Works. Thomas Jackson held his ground at a battle in this state and was known as "Stonewall" following that victory at the first battle of Manassas. Following the Wheeling Conventions, delegates from the north-west of this confederate state broke off to form a new state in 1861. For 10 points name this US State whose city of Richmond served as the capital of the Confederacy.

ANSWER: Virginia <DJ>

14. This character drinks gin in the Chestnut Tree Cafe where he hears a shrill trumpet call as the news begins. This character buys a coral paperweight but it is later smashed by policemen. This character is instructed to try harder to touch his toes during Physical Jerks. This character regrets not pushing his ex-wife Katherine into a quarry. This man is caught in the rented room above Mr. Charrington's antique shop with his lover Julia after which he is tortured by O'Brien in Room 101 of the Ministry of Love. For 10 points, name this protagonist of *1984* by George Orwell.

ANSWER: Winston Smith [prompt on either name] <LW>

15. Warriors of this ethnic group are termed Morans and must undergo ritual circumcision, called *emorata*. Older warriors of this ethnic group become junior elders at the *Eunoto* ceremony, to which they are summoned by blowing on the horn of the Greater Kudu antelope. The name of this ethnic group is found in a game reserve titled for them and "Mara", and this people perform the *adumu*, or jumping dance. For 10 points, name this semi-nomadic cattle-herding ethnic group of southern Kenya and northern Tanzania, famed for their distinctive dress and customs.

ANSWER: Maasai

16. A person covers themselves in petrol and almost commits suicide to avoid listening to this film's protagonist's stories about Vietnam. One man in this film snaps after being told that he doesn't "work hard enough on defense." That man is Kareem Abdul-Jabbar, who portrays Roger Murdock. A running joke from this film begins with the line "Surely you can't be serious," and a large number of people fall ill after eating some fish in this film. "I am serious, and don't call me Shirley" is a quote by Dr. Rumack in, for 10 points, what comedy which ends with the ex-fighter pilot Ted Striker landing the title vehicle?

ANSWER: Airplane! [accept Flying High! from people who live in/around the Pacific Ocean] <CS>

17. Walter Reuther was a union leader in this industry, who achieved concessions by threatening to strike against one of the 'Big Three' firms in it at a time. It isn't textiles, but union action by female workers in London in this industry led to the introduction of the Equal Pay Act in 1970. A factory at Highland Park was the first to use a moving assembly line in this industry, where goods were produced in 'any colour as long as it's black'. For 10 points, name this industry, which in the USA was centred in Detroit, Michigan with companies like GM and Ford.

ANSWER: automotive industry [accept cars, accept automobiles, accept motor industry] <FCM>

18. In one play by this man, the protagonist sends his child Agnes to a nunnery to learn to be faithful to him. This author wrote about a man who hides his money by burying it in the garden and unwittingly gives a loan to his own son, Cléante, who rivals his father for Mariane's affections. This author died on stage while playing the title character in another of his plays. This author created a religious hypocrite who is caught hiding under a tablecloth by Orgon while attempting to woo Elmire. For 10 points, name this 17th-century French playwright of *The Miser* and *Tartuffe*.

ANSWER: Molière [accept Jean-Baptiste Poquelin] <EJW>

19. A “bracket” named for this man is the classical analogue of the commutator in quantum mechanics. Auxetic materials have a negative value for a ratio named for this man that is equal to the ratio of transverse strain to axial strain. A function named for this mathematician was used to model the number of soldiers in the Prussian army killed accidentally by horse kicks. For ten points identify this namesake of a probability distribution governed by a single parameter which is used to model the number of independent events that occur in a fixed time period.

ANSWER: Siméon Denis Poisson <MN>

20. This man was the first to argue that all predicates could be classified into ten categories, which included quantity, activity, passivity, and substance. Those categories were established in the first of his six works on logic, collectively known as the *Organon*. In another work, this philosopher argued that virtue was found in the mean between two extremes, or vices. He also argued that *eudaimonia* was the final end of human life in the same work, which was the *Nicomachean Ethics*. For ten points, name this philosopher who was a student of Plato.

ANSWER: Aristotle <Alex>

Bonuses:

1. This quantity is affected by births, deaths and migrations. For 10 points each:

[10] Name this quantity, the number of individual organisms of a given species in a region.

ANSWER: population size

[10] This instrument is used for estimating population sizes. It consists of a square of a known area, subdivided into a grid. It is used for measuring populations of stationary or slow moving organisms.

ANSWER: quadrat [do not accept quadrant]

[10] This technique for estimating population uses the Lincoln-Petersen method to calculate the result. It is used to estimate populations of animals that move around.

ANSWER: mark-release-recapture [accept mark and recapture or capture-recapture or capture-mark-recapture or mark-recapture] <LW>

2. Cowards die many times before their deaths: so, too, celebrities. For 10 points each:

[10] Reading his own obituary, in which he was described as the ‘merchant of death’, this man resolved to bequeath his wealth to the establishment of a series of prizes in various academic fields.

ANSWER: Alfred Nobel

[10] This Jamaican advocate for Black nationalism died in 1940 of a stroke supposedly triggered by reading his own, unfavourable, obituary. He is regarded as a prophet in the Rastafari movement.

ANSWER: Marcus Garvey

[10] This member of The Beatles was reported as dead in 1969. That was, of course, ridiculous, since he’d already been dead since 1966, as is clear if you play *Revolution 9* backwards.

ANSWER Paul McCartney [accept either underlined part] <Alex>

3. This man co-wrote *The Sound Pattern of English* with Morris Halle, extending the theory of generative grammar to phonology. For 10 points each:

[10] Name this MIT professor and “father of generative linguistics”. He is a key champion of the “Universal Grammar” hypothesis for language, and published a savage review of B.F. Skinner’s *Verbal Behavior* in 1959.

ANSWER: Noam Chomsky

[10] Chomsky is most renowned for his work in this subfield of linguistics, the study of sentence structure. He developed Government and Binding Theory and later the Minimalist Program to explain this sub-field.

ANSWER: **syntax**

[10] In his book Syntactic Structures, Chomsky famously uses this syntactically correct, but semantically nonsensical sentence to show how syntax operates separately from meaning.

ANSWER: **colourless green ideas sleep furiously** <EJW>

4. Name some poets inspired by the county of Berkshire, for 10 points each:

[10] This British poet, the author of “Ode on the Death of a Favourite Cat”, wrote about his schooldays in Berkshire, noting that “ignorance is bliss”, in his 1742 poem “Ode on a Distant Prospect of Eton College”.

ANSWER: Thomas **Gray**

[10] This Irish author discussed his two years’ incarceration in Berkshire for homosexuality in his poem “The Ballad of Reading Gaol”. He also wrote *The Picture of Dorian Gray* and the play *The Importance of Being Earnest*.

ANSWER: Oscar Fingal O’Flahertie Wills **Wilde**

[10] John Betjeman observed that this Berkshire town “isn’t fit for humans now”, and asked “Come, friendly bombs, and fall on” this town, in a 1937 poem bemoaning its industrialisation.

ANSWER: **Slough** <JK>

5. British antiquarian John Aubrey was one of the earliest to investigate this site and create a plan of it. Name, for 10 points each:

[10] Name this megalithic monument, where a ring of chalk pits are now named for Aubrey. They belong to the first stage of this monument, while later stages saw bluestones brought from Wales to be erected alongside local sarsen stones.

ANSWER: **Stonehenge**

[10] Aubrey called this site a “Templa Druidum” like Stonehenge and it is paired with Stonehenge as a World Heritage Site. The West Kennet Avenue leads to the largest stone circle in the world, with two smaller situated inside.

ANSWER: **Avebury**

[10] These islands have been posited as the origin of the henge form, where the huge Ring of Brodgar is found. Neolithic remains in this island group also include Skara Brae, a well preserved village.

ANSWER: **Orkneys** <OSC>

6. In a novel partially titled for this man, concentration camp commandant Amon Goeth [GOOT] shoots people at random from his balcony. For 10 points each:

[10] Name this German manufacturer who saves the lives of many Polish Jews by employing them in his enamelware factory.

ANSWER: **Oskar Schindler** [accept either underlined part]

[10] *Schindler’s Ark* was written by this Australian novelist, who also wrote *Confederates* as well as fictionalising the Soviet revolutionary Artem Sergiev’s time in exile in Brisbane in *The People’s Train*.

ANSWER: Thomas **Keneally**

[10] Amon Goeth keeps Henry Rosner and his family alive because he appreciates Henry’s skill in playing this instrument. His brother Leopold plays the accordion.

ANSWER: **violin** <Alex>

7. This composer’s most famous programmatic work is a five movement symphony, which portrays an artist who poisons himself with opium due to his unrequited love. For 10 points each:

[10] Name this French composer who depicted a *March to the Scaffold* and a “witches’ sabbath” in his *Symphonie Fantastique*.

ANSWER: Hector **Berlioz**

[10] Berlioz's other programmatic works include this symphony, loosely based on a poem by Lord Byron. It features an extensive part for solo viola.

ANSWER: Harold en Italie [accept Harold in Italy]

[10] *Harold en Italie* was written for this virtuoso violinist, who had recently acquired a Stradivarius viola. Sergei Rachmaninoff wrote a rhapsody on a theme from one of this composer's *24 Caprices* for solo violin.

ANSWER: Niccolò Paganini <Tom>

8. "Sing, muse, the wrath of" this man. For 10 points each:

[10] Name this hero, who spends the first 16 books of the Iliad moping in his tent. He left the Greek forces after arguing with Agamemnon over the captive Briseis.

ANSWER: Achilles

[10] Achilles is roused into action after Hector and Apollo team up to kill this dear friend of his, who had dressed in Achilles' armour to drive back the Trojans from the Greek Camp.

ANSWER: Patroclus

[10] This wife of Hector, subject of a tragedy by Euripides, faints after seeing Achilles drag his corpse behind his chariot. Achilles' son, Neoptolemus, took her as a concubine after killing her son, Astyanax.

ANSWER: Andromache <OSC>

9. Answer some questions on comings and goings in American politics, for 10 points each:

[10] This executive at Breitbart News was fired from his position as White House Chief Strategist after Donald Trump condemned 'violence on many sides' after a far-right rally in Charlottesville.

ANSWER: Steve Bannon

[10] After Sean Spicer's resignation as White House Press Secretary, this woman was appointed. Her father Mike finished behind John McCain and Mitt Romney in the 2008 Republican presidential primaries.

ANSWER: Sarah Huckabee Sanders [prompt on partial answer]

[10] Trump appointed former ExxonMobil CEO Rex Tillerson to this office, responsible for foreign policy. Under Barack Obama's presidency, this office had been held by John Kerry and Hillary Clinton.

ANSWER: Secretary of State <FCM>

10. Songs released by this performer include *Supermodel (You Better Work)* and *Sissy That Walk*, and this performer first came to prominence in the video for the B-52s' "Love Shack". For ten points each:

[10] Identify this drag queen, whose televised *Drag Race* aims to find America's next drag superstar.

ANSWER: RuPaul Andre Charles

[10] The two least successful contestants in each episode of *RuPaul's Drag Race* are required to perform this action "for your life" to avoid elimination. Musicians accused of performing this action on stage include Mariah Carey, who did it during her New Years' Eve concert in Times Square in 2016.

ANSWER: lip sync [accept "miming" or "mouthing the words"]

[10] Despite being runner-up to Jinx Monsoon in Season 5 of *RuPaul's Drag Race*, this queen who once dated Sharon Needles went on to win *All-Stars 2*. She has also released the albums *A.N.U.S* and *Poundcake*.

ANSWER: Alaska Thunderfuck 5000 [accept Justin Honard] <MN>

11. This process can take place via the catalytic CNO cycle or by the proton-proton chain reaction. For ten points each:

[10] Name this process which takes place in stars and converts hydrogen into helium with a release of energy.

ANSWER: nuclear fusion [do not prompt or accept fission]

[10] On Earth, fusion occurs in these doughnut shaped machines which maintain large magnetic fields. The largest built one of these machines is JET and a planned one is called ITER.

ANSWER: tokamaks [prompt on anything mentioning the word toroidal]

[10] The magnetic fields of a Tokamak confine matter in this state. Because the ions and electrons present in this state can conduct, induced currents need to be taken account of in fusion reactors.

ANSWER: plasma <JR>

12. Loughs [LOCHS] are not just found in Scotland, but also other bits of the British Isles. For 10 points each, answer some questions on Northern Irish versions of them.

[10] This lough is chiefly notable for being the largest lake in the British Isles, as well as supplying 40% of Northern Ireland's fresh water.

ANSWER: Lough Neagh [NAY] [(accept Loch nEathach if any Irish speakers turn up)]

[10] This large sea lough to the north of Derry forms the northernmost portion of the western border between Northern Ireland and the Republic of Ireland. It is also an important Ramsar site, due to its biodiversity.

ANSWER: Lough Foyle [accept Loch Feabhail]

[10] This even larger sea lough is found in eastern Northern Ireland and is the largest inlet by area in the British Isles. It is almost totally enclosed by the Ards Peninsula and is Northern Ireland's first Marine Conservation Zone.

ANSWER: Strangford Lough [accept Loch Cuan]

13. In this novel, the body of a murdered man is found in a barrel filled with the blood of pigs. For 10 points each:

[10] Name this novel, a murder mystery set in a fourteenth-century monastery, in which the murderer commits suicide by eating the second book of Aristotle's *Poetics*.

ANSWER: *The Name of the Rose* [or *Il nome della rosa*]

[10] *The Name of the Rose* is a novel by this Italian author and academic, who created the editors Belbo, Diotallevi and Casaubon in *Foucault's Pendulum*.

ANSWER: Umberto Eco

[10] The main character of *The Name of the Rose* is deliberately described in appearance and methods to be similar to this fictional English detective created by Arthur Conan Doyle.

ANSWER: Sherlock Holmes [accept either underlined part] <Alex>

14. The 2016 E3 trailer for this video game opened with the central character being told to 'open your eyes' before showcasing the open world elements that were new to the series. For 10 points each:

[10] Name this well reviewed overhaul to the *Legend of Zelda* series, in which King Rhoam instructs the player to kill nine divine beasts.

ANSWER: *The Legend of Zelda: Breath of the Wild*

[10] As in most games in the *Legend of Zelda* series, players take control of this green-wearing silent protagonist.

ANSWER: Link

[10] Link should not be confused with this other green adorned figure from *Legend of Zelda: The Wind Waker*, who would charge players extortionate prices to interpret sea charts.

ANSWER: Tingle <Theo>

15. One series of paintings feature three, five, twelve, or fifteen specimens of this flower in a vase. For 10 points each:

[10] Name this yellow flower, the subject of two series of still-life paintings by Van Gogh.

ANSWER: sunflower [accept Sunflowers]

[10] Van Gogh's sunflower paintings were painted for the visit of this painter, who stayed with Van Gogh in Arles until the argument in which Van Gogh cut off part of his own ear.

ANSWER: Paul Gauguin

[10] This artist of the Vienna Secession movement also painted works with sunflowers in them, one of which, depicting a single large sunflower growing in a garden, bears a striking similarity to this painter's *The Kiss*.

ANSWER: Gustav Klimt <Alex>

16. During the interwar period, the global economy saw some pretty big changes. For 10 points each:

[10] Name this once-ubiquitous monetary system, abandoned for good in Britain in 1931, wherein the value of currency is backed by a certain precious metal.

ANSWER: **gold standard**

[10] This Chancellor of the Exchequer oversaw a disastrous and short lived return to the gold standard in 1925, and played a leading role during the General Strike.

ANSWER: Winston **Churchill**

[10] This economist criticised the move, responding with 'The Economic Consequences of Mr Churchill', which argued the decision would lead to a global depression.

ANSWER: John Maynard **Keynes** <JS>

17. This ruler founded the University of Sankore and the Djinguereber Mosque. For 10 points each:

[10] Name this man who ruled from a palace in Timbuktu. His hajj trip to Mecca in the 14th century was legendarily so lavish that it deflated the value of gold for decades afterwards.

ANSWER: **Mansa Musa**

[10] Mansa Musa ruled over this West African empire, which shares its name with a modern-day country whose capital city is Bamako.

ANSWER: **Mali** Empire

[10] The Mali Empire was eventually defeated by this other empire led by Sonni Ali. This empire had its capital at Gao, and was itself later defeated at the Battle of Tondibi by the Moroccans.

ANSWER: **Songhai** Empire <EJW>

18. The American Library Association maintains a list of the books which have been banned or censored in the USA as well as the Most Frequently Challenged Books of each year. For 10 points each:

[10] This book by Alice Walker has been frequently challenged because of its explicit content, particularly in terms of violence. This book tells the story of Celie, who falls in love with Shug Avery.

ANSWER: **The Color Purple**

[10] This series of seven books about a boy wizard was the most frequently challenged in 2001 and 2002. The reasons included them being "anti-family, dealing in the occult and Satanism, having a religious viewpoint, and violence".

ANSWER: **Harry Potter** [accept any of the titles]

[10] This novel from the Beat movement partially set in Interzone has also been considered controversial in both its subject matter and use of obscene language. It is framed with a narrative about the travels of the junkie William Lee.

ANSWER: **Naked Lunch** <Tricia>

19. In 1131, Philip, the son of Louis VI of France, was killed when a pig ran into the street and caused his horse to stumble. For 10 points each:

[10] Philip and his father Louis belonged to this French dynasty. This dynasty succeeded the Carolingians during the 10th century, and were themselves succeeded by the House of Valois.

ANSWER: **Capetians**

[10] Philip's death is recorded in the chronicle of Suger [SOO-ZHAY], who claims the pig was sent by Satan. Suger was abbot of this church near Paris, in which all but three French monarchs are buried.

ANSWER: Basilica of **St Denis**

[10] A decade earlier, the heir to the English throne had suffered a similarly premature death. William Atheling, son of Henry I, had been killed in this disaster, in which his vessel sank while travelling from Normandy to England.

ANSWER: the **White Ship** disaster <Tom>

20. This compound is commonly used for lowering the freezing point of water to around minus ten degrees celsius and is one of the principal components of fire extinguishers used on metal based fires. For 10 points each:

[10] Name this compound commonly known as rock salt or table salt.

ANSWER: **sodium chloride** [accept **NaCl**]

[10] In Sodium Chloride, the sodium and chloride anions form interpenetrating face centred cubic lattice, in which each ion has this many nearest neighbours, as both ions have octahedral coordination geometry.

ANSWER: **six**

[10] Aqueous sodium chloride undergoes electrolysis in this industrial process used to make chlorine gas and Sodium Hydroxide.

ANSWER: **chloralkali** process <CS>